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ABSTRACT

Based on the results of a Phase 1 investigation into the nature of legal writing, a prototype writing assessment, the Diagnostic Writing Skills Test (DWST) for entering law students was developed. The DWST is composed of two multiple-choice testlets based on prompts and responses to the Law School Admission Test (LSAT) Writing Sample. It contains a total of 48 items. The DWST was administered to more than 500 entering law students in 5 law schools, and data were collected on the performance of these students in first-year legal writing courses and in law school courses generally. The pretest data indicated that the prototype DWST contained six items that needed revision because of the low percentages answering them correctly, low biserial correlations, or low percentages of a high-scoring group answering them correctly. The reliability of the DWST was estimated in the range of 0.70-0.81. This relatively low reliability was attributed to the local dependence of the testlets, possible multidimensionality, the use of a four-choice item structure, lack of motivation among examinees, and the six questionable items, which have since been revised. Despite these problems, the DWST predicted performance in legal writing courses better than either the LSAT or undergraduate grade-point average. The prototype test was second only to the LSAT in the prediction of law school grade point average, and it made a significant contribution to the prediction of law school writing course grade and law school grade average when used along with the LSAT and undergraduate grade point average in the prediction. Six appendixes contain the instrument in pretest and revised forms and supplemental information. (Contains 14 tables and 20 references.) (Author/SLD)

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Program of Research on Legal Writing: Phase II: Research on a Writing Exercise

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Executive Summary

Based on the results of a Phase I investigation into the nature of legal writing, a prototype writing assessment, the Diagnostic Writing Skills Test (DWST) for entering law students, was developed. The DWST is composed of two multiple-choice subtests based on prompts and responses to the Law School Admission Test (LSAT) Writing Sample and contains a total of 48 items. The DWST was administered to over 500 entering law students in five different law schools, and data were collected on the performance of these students in first-year legal writing courses and in law school courses generally. The experimental data indicated that the prototype DWST: (1) was completed by 89 percent of students who were allowed 45 minutes of testing time and 97 percent of students who were allowed one hour, (2) was relatively difficult for the students tested, and (3) had relatively low reliability compared to traditional tests. Despite the difficulty and reliability problems, the DWST predicted performance in legal writing courses better than either the LSAT or undergraduate grade-point average. The prototype test was second only to the LSAT in the prediction of law school grade average, and it made a significant contribution to the prediction of law school writing course grade and law school grade average when used along with the LSAT and undergraduate grade-point average in the prediction. Gender and ethnic comparisons indicated that a test like the DWST would reduce gender and ethnic differences slightly if incorporated as part of the LSAT. Next steps are to revise the prototype test to reduce its difficulty; to correct some questions that seemed confusing to students; and to increase its reliability.

Abstract

Based on the results of a Phase I investigation into the nature of legal writing, a prototype writing assessment, the Diagnostic Writing Skills Test (DWST) for entering law students, was developed. The DWST is composed of two multiple-choice testlets based on prompts and responses to the Law School Admission Test (LSAT) Writing Sample and contains a total of 48 items. The DWST was administered to over 500 entering law students in five different law schools, and data were collected on the performance of these students in first-year legal writing courses and in law school courses generally. The pretest data indicated that the prototype DWST contained six items that needed revision because of low percentages answering them correctly, low biserial correlations, or low percentages of a high-scoring group answering them correctly. The reliability of the DWST was estimated in the range .70–.81. This relatively low reliability was attributed to the local dependence of the testlets, possible multidimensionality, the use of a four-choice item structure, lack of motivation among examinees, and the six questionable items, which have since been revised. Despite these problems, the DWST predicted performance in legal writing courses better than either the LSAT or undergraduate grade-point average. The prototype test was second only to the LSAT in the prediction of law school grade average, and it made a significant contribution to the prediction of law school writing course grade and law school grade average when used along with the LSAT and undergraduate grade-point average in the prediction.

Introduction

In Phase I, a project to define legal writing (Breland & Hart, 1994), samples of student legal memoranda were collected from 12 law schools dispersed geographically and representing a range of student abilities. These samples, 237 in all, were subjected to a series of analyses following four sets of ratings of their overall quality (by legal writing instructors and by independent legal consultants) and two sets of ratings (by legal writing instructors) of specific aspects of the memoranda. These analyses indicated that the following specific aspects of legal memoranda were most closely associated with overall quality:

- Legal analysis
- Style (including clarity, conciseness, organization, logical continuity, paragraphing, and focus)
- Mechanics (including grammar and usage, punctuation, editing and proofreading, sentence control, diction, and spelling)

Legal analysis and style had roughly the same relationship with overall quality, while mechanics was somewhat less important.

The objective in Phase II was to determine what kind of writing assessment administered before law school would best represent the results from Phase I. Since applicants to law school could not be expected to know anything about legal analysis, it was clear that legal analysis could not be a part of the assessment. Further understanding of the nature of legal writing and the type of writing assessment that would be most appropriate for applicants to law school was obtained from an examination of past research on legal writing.

Past Research

An early study by Coffman and Papacristou (1955) obtained results similar to those of Phase I. In this study, law school professors rated samples of law school student writing. Subsamples of papers were classified as being either well-written or poorly written. Coffman and Papacristou concluded that:

> A study of the papers revealed few of the gross errors in mechanics and grammar which are often found in the papers of high school seniors. The outstanding characteristic of the poor papers was their lack of clarity resulting from poor organization, both in the overall outline and in sentences and paragraphs. In contrast to the papers judged well-written, the poorly written papers tended to exhibit no underlying structure, no smooth flow of ideas to lead the reader from point to point.

A year later, Olsen (1956) reported a study of several experimental tests, including a 30-minute editing test. The 30-minute editing test correlated better with first-year average law school grades than did a 60-minute test of reading comprehension (.36 to .34) and better than a 35-minute test of data interpretation (.36 to .24). Only a 40-minute Law School Admission Test (LSAT) subtest of Principles and Cases predicted better than did the 30-minute editing task (.39 to .36).

Pitcher (1962) studied two experimental writing tests: a 30-minute interlinear exercise (an editing task) and a 50-minute combining sentences test, both of which were scored by human judges. In five different law schools, both types of tests yielded average correlations of .19 with the first-year law grade average; the 175-minute LSAT correlated .31 on average, as did the prelaw record (undergraduate grades). When correlated with first-year writing course grade, the 30-minute editing exercise predicted better than the 175-minute LSAT (.26 to .14). The combining sentences test correlations averaged .23 and the prelaw record .31. Subsequent analyses showed also that the two experimental tests added significantly to the prediction of first-year average grades and writing course grades beyond what was possible using the LSAT alone.

In 1962, a machine-scoreable writing ability test was introduced as part of the LSAT, and the value of writing items as predictors of law school grades was investigated (Pitcher, 1965). In this relatively large study involving ten law schools and over 1,600 law school students, the principal outcome appears to have been that a multiple-choice test of writing skill did not add much predictive validity beyond that possible with the LSAT alone. And yet it was not noted that the LSAT was at that time a test of approximately three hours in length, while the writing ability test was only 40 minutes in length. The same result most likely would have occurred if any of the brief subtests that constituted the LSAT had been analyzed with respect to their ability to add to the rest of the test. The same Pitcher (1965) study showed that the 40-minute writing ability test correlated .21 with first-year average law grades as compared to a correlation of .24 for the prelaw record and a correlation of only .29 for the entire three-hour LSAT.

A subsequent summary of validity studies covering a number of years (Schrader, 1976) indicated that the LSAT was the best predictor, undergraduate grade-point average (UGPA) second, and the writing ability score third. Other studies (Pitcher, 1975, 1976), comparing combinations of LSAT, UGPA, and writing ability, suggested that the writing ability score did not add significantly to the predictions of average law school grades possible using LSAT and UGPA alone. Powers (1980) examined the possibility that the writing ability score would be of special value in the assessment of minority students, but the results were not promising. In 1980, the writing ability test was removed from the LSAT, and an unscored writing sample was introduced in 1982.

The results of these studies were disappointing in part because the only objective at that time was to increase the prediction of first-year law school grades beyond what was possible using the LSAT alone. Given that the LSAT was a 175-minute test, it was difficult to demonstrate that any brief test could add significantly to the prediction of law school grades. Moreover, law school grades may not be the best criterion for evaluating a writing test; a better criterion might be law school writing course grades.

The writing ability test that was being evaluated in 1976 consisted of a 20-minute Error Correction test and a 20-minute Sentence Correction test. The disappointing results obtained in studies of these sentence-level tests may have been because they did not emphasize aspects of style shown to be important in the Phase I study. The clarity of a sentence, phrase, or word cannot be evaluated without reference to the entire piece of writing that it is a part of. Conciseness cannot be evaluated without knowing what has come before, for example, whether a statement has been repeated. Logical continuity cannot be evaluated without reference to the sentences or paragraphs that need to be connected. The assessment of the kinds of writing skills indicated by the Phase I results would require the use of an entire piece of writing.

The Interlinear Exercise

An old form of writing assessment used by the College Board in the 1950s and used in some law school writing assessments at about the same time used an entire piece of writing (see Olsen, 1956, and Pitcher, 1962). This form of writing assessment was known in College Board programs as an interlinear exercise. The interlinear exercise consisted of poorly written material that required the student to find and correct deficiencies. It can be much more complex than simple editing and, unlike the usual multiple-choice tests of writing skill, the assessment is not limited to sentence problems. The ability to reorganize text and to introduce smooth transitions, logical continuity, coherence, precision, proper tone, attention to audience, and clarity can also be tested. Despite its promise and demonstrated validity, this test was discontinued in the 1960s because of the time and cost required to score it.

The interlinear exercise is responsive to current issues in educational assessment in that it would involve the performance of tasks that are valued in their own right (Linn, Baker, & Dunbar, 1991, p. 15) and it is compatible with current efforts to develop assessments which have the purpose of capturing in tests those tasks with "the same demands for critical thinking and knowledge integration as required in desired criterion performances" (Shepard, 1991, p. 9).

Messick's (1989) argument concerning the consequential basis of validity is relevant here as well. If an assessment leads teachers and coaching schools to focus on the assessment format rather than the desired skill, then these consequences should be considered in judging the validity of the assessment. The interlinear exercise, on the other hand, could encourage coaching schools and others to emphasize skills that effect permanent improvement in an applicant's legal writing ability.

One study conducted before the College Board discontinued the interlinear exercise (Godshalk, Swineford, & Coffman, 1966), attests to the predictive effectiveness of this type of test. For that study a comprehensive writing ability criterion was developed that consisted of five free-writing tasks, each scored by five different English teachers. A number of more efficient tests were then used as predictors of the writing ability criterion including the Scholastic Aptitude Test (SAT), multiple-choice tests of sentence correction, and the interlinear exercise. In the full sample of 646 cases studied, an interlinear exercise correlated .67 with the writing ability criterion. In a subsample of 158 students for whom SAT scores were available, an interlinear exercise correlated better with the writing ability criterion than did the SAT Verbal score (.68 to .63). That is, a 30-minute interlinear exercise predicted writing ability better than did a one-hour verbal aptitude test. The interlinear exercise was also included in a number of multiple-regression analyses along with the SAT and other test item types. Even when combined with the SAT and a multiple-choice test of sentence correction skills, the interlinear exercise made a significant contribution to the prediction of writing ability. Godshalk et al. (1966) concluded: "The interlinear exercise is one of the more valid types of question and often contributes uniquely to the multiple correlation" (p. 24); and "The interlinear exercise makes a singular contribution to the prediction of writing ability" (p. 29).

Some research evidence indicates that a single 30-minute interlinear exercise would have a validity for predicting later writing performance of about the same magnitude as two 45-minute free-writing tasks. Breland, Camp, Jones, Morris, and Rock (1987) conducted a study similar to the Godshalk et al. study and found that two 45-minute writing tasks correlated .66 and that two different 45-minute writing tasks correlated .72 with a comprehensive writing ability criterion for first-year college students. The average of these two predictive correlations (.69) is not significantly different from the .68 correlation that Godshalk et al. obtained for a 30-minute interlinear exercise.

Validity is not the only reason that it would be useful to consider the administration of a writing exercise with the LSAT. Other reasons include the following:

1. If writing is important in the law, and almost everyone agrees that it is, then it seems logical that it should be a part of the LSAT test battery.

2. Currently, writing skills are not emphasized heavily in law school admission, since the present writing sample is not scored. In a sense, this represents a lost opportunity for women because research shows that women perform better on writing tasks than do men, on average. If a scored writing task were administered, and incorporated as a part of the total LSAT score, it would quite likely boost the average LSAT scores of women and make admission to law school more likely for them.

3. An interlinear exercise would hold considerable promise for computerized administration and constructed-response scoring. If there is interest in computerizing the LSAT at some future time, the interlinear exercise would fit well with such an interest.

Development of a Prototype

In developing a prototype writing assessment for use in law school admission, some of the first issues faced were those of how the test would be scored, how much testing time could be allowable, and where to obtain text material for such a test. Interlinear exercises of the type described previously in this report had traditionally been scored by human judges. Since it was the cost and inefficiency of human scoring that led to their demise, the first decision made was that the test would not be scored by human readers. This meant that a test type originally intended for human scoring would have to be adapted such that it could be machine scored.

How long could the test be? The current sample collected for the LSAT requires only 30 minutes, so initial timing considerations assumed that a new prototype test should require about the same amount of time. Nevertheless, it was known that earlier machine-scored writing tests used by the Law School Admission Council (LSAC) had required 40 minutes of testing time. It was also known that the reliability of the prototype test would be directly related to its length. Consultation with staff at LSAC on the timing issue indicated that a prototype test requiring 45 minutes of testing time would be acceptable, so a decision was made to design the prototype test for administration in 45 minutes.

The text material for the test needed to be appropriate for law school applicants and free of copyright restrictions. The copyright problem could be avoided by creating original material, but that would require more test development time and one could not be certain that the material would be appropriate for law school applicants. A source of material that would avoid both of the appropriateness and copyright problems was the LSAT itself, namely the LSAT Writing Sample. These samples had been generated by law school applicants in response to prompts developed by LSAC and thus should be appropriate. While it would be necessary to modify text as written to create a useful prototype, the existence of a variety of prompts and responses to them served as a useful starting point. After examination of a number of LSAT Writing Sample prompts and responses, two topics were chosen, and an assessment task was developed for each.

Rationale

The tasks developed ask the examinee to read a hypothetical response made to the topic and to respond to a number of questions about the response. The questions focus primarily on organization, audience, transition, conciseness, and clarity. These categories represent areas identified in the Phase I study of legal writing, and they are also areas in writing competency that trouble educated, upper-level writers in college and the professions in general. This conclusion is based on observation of several populations—first-year law school students, students writing essays for the LSAT, juniors and seniors in science and humanities at the university level, and researchers and management personnel in research companies.

Probably the greatest deficiency in upper-level writers is in the area of sensitivity to audience. This facility is necessary if the writer is to include appropriate detail, presented at a syntactic level and in a diction accessible to targeted readers. Organization includes the ability to establish a thesis and support it in a logical sequence of paragraphs that are themselves organized logically. We included items on the introductory paragraph, since a writer ought to understand how to exploit that paragraph to help the reader form a mental map of the rest of the document. Introductions also fall under the audience category, as they signal what kind of reader the writer is expecting.

To test skill in transition and development, we created items that work on two levels. Some items simply test the examinee's ability to understand the logical relationships signaled by particular transitional terms or phrases. Others ask the examinee to judge, from a sentence's context, what kinds of transitions are needed, and when.

The items chosen to test conciseness and clarity were not intended to test basic grammatical knowledge; rather, the items chosen contain the errors that appear when more sophisticated writers attempt to give shape to complex ideas or solve a problem in transition. In particular, the items are intended to test a writer's ability to strategize, to choose a sentence pattern that will best emphasize a particular point. Items also ask the examinee to judge whether certain expressions are precise, inflated, or set at an inappropriate level of diction for the targeted reader.

Although upper-level writers in college and the professions tend to have fewer problems with grammar and punctuation, they are not immune to such problems. Excluding those who speak English as a second language, most writers at this level do not show significant punctuation or grammatical weakness, with one exception. Comma splice errors (joining two sentences with only a comma) are, surprisingly, very common. This most likely has to do with the mature writer's "ear" for the sound of a close logical relationship between two sentences, along with some persisting uncertainty about the use of semicolons and the grammatical function of the transitional word, however. We have included a small number of items addressing comma splice errors because they are prevalent in a skilled writing population and because they involve syntactical and organizational decisions.

Test Construction

As previously noted, two tasks were developed based on the two LSAT Writing Sample topics selected. The first task was called "Valerie" and the second "Winfield," since these words were descriptive of the topics. Valerie consisted of 23 items and Winfield consisted of 25 items. Table 1 lists the classifications of the item types in Valerie and Winfield. Two forms of the prototype test were constructed by ordering Valerie first and Winfield second in one form and Winfield first and Valerie second in the second form. The form having Valerie first was labelled Form V, and the form having Winfield first was labelled Form W. Table 1 also lists, in the last column, diagnostic categories into which items were classified.

TABLE 1
Classification of item types

Form	Item Number	Classification	Diagnostic Category
V	1 26	Organization/Thesis	Organization
	2 27	Organization/Introductory paragraph	Organization
	3 28	Precision/Clarity	Clarity
	4 29	Transition	Transition
	5 30	Usage/Transition	Transition
	6 31	Clarity	Clarity
	7 32	Audience/Strategy	Strategy
	8 33	Transition	Transition
	9 34	Logic/Clarity	Clarity
	10 35	Subordination/Clarity	Clarity
	11 36	Strategy	Strategy
	12 37	Conciseness	Conciseness
	13 38	Organization	Organization
	14 39	Audience/Logic/Strategy	Strategy
	15 40	Conciseness	Conciseness
	16 41	Subordination/Transition	Transition
	17 42	Usage/Conciseness	Conciseness
	18 43	Transition	Transition
	19 44	Organization	Organization
	20 45	Organization/Development	Organization
	21 46	Organization/Conclusion	Organization
	22 47	Organization/Development	Organization
	23 48	Organization	Organization
W	1 24	Organization/Thesis	Organization
	2 25	Organization/Introductory paragraph	Organization
	3 26	Precision/Conciseness	Conciseness
	4 27	Precision/Clarity	Clarity
	5 28	Transition/Precision/Pronoun reference	Transition
	6 29	Organization	Organization
	7 30	Conciseness	Conciseness
	8 31	Transition	Transition
	9 32	Subordination/Transition	Transition
	10 33	Usage/Clarity	Clarity
	11 34	Conciseness	Conciseness
	12 35	Organization/Development	Organization
	13 36	Parallelism/Conciseness	Conciseness
	14 37	Transition	Transition
	15 38	Transition	Transition
	16 39	Organization/Development	Organization
	17 40	Usage/Clarity	Clarity
	18 41	Precision/Clarity	Clarity
	19 42	Transition	Transition
	20 43	Organization	Organization
	21 44	Subordination/Strategy	Strategy
	22 45	Audience/Strategy	Strategy
	23 46	Development/Strategy	Strategy
	24 47	Development/Strategy	Strategy
	25 48	Organization/Conclusion	Organization

A more accurate description of the test specifications is given by using all of the item descriptions in Table 2. Here, each test objective is listed separately even though individual items may test more than a single objective. Copies of Form V and Form W of the prototype test are included in this report in Appendix A, and an illustration of a diagnostic score report is included in Appendix B.

TABLE 2
Test specifications

Classification	Number of Occurrences	Percentage of Occurrences
Organization	15	19
Transition	11	14
Clarity	8	10
Conciseness	7	9
Development	6	8
Precision	4	5
Subordination	4	5
Usage	4	5
Audience	3	4
Thesis	2	3
Introductory paragraph	2	3
Logic	2	3
Parallelism	1	2
Pronoun reference	1	2
Total	77	

Note. An item may test more than a single classification; thus, the concepts tested total more than the 48 items of prototype test.

Test Timing

On the basis of informal administrations of the test to staff and college students, initial estimates were that the test could be administered in approximately 50 minutes, with 45 minutes of actual testing time.

Comments on the Prototype Test

There are a number of characteristics of the test that are worthy of comment. The arrangement of the test into two testlets raises the issue of local dependence, which can be expected to produce a lower test reliability than a test made up of all independent items. Nevertheless, it would not be possible to cover the test objectives using all independent items. The hope, in a test of this type, is that some reliability might be traded for validity (Wainer & Thissen, 1996). Reliability can also be reduced if a test is multidimensional as seems likely in the case of the prototype constructed.

Two further characteristics of the prototype test as constructed will reduce reliability. Most multiple-choice tests have five-choice options (that is, the examinee has five choices among which to select for each question). In an effort to speed up the prototype test to fit within a 50-minute administration time limit, the decision was made to use four-choice options for each question. The use of four choices reduces the item variance and thus the test reliability. Finally, reliability will be diminished in the prototype test because some of the questions are inefficient. It is time-consuming to read a passage over and over to determine where best to place any particular sentence, for example. And yet, this kind of continuity testing was deemed important by the Advisory Committee and Phase I results supported such a judgment.

In summary, the reliability of the prototype test would be expected to be relatively low. The hope would be that reduced reliability would be compensated for by increased validity. Additionally, the reliability of diagnostic subscores would be expected to be even lower than the total score and thus directions for test use would have to be carefully stated.

Pretest of the Prototype

Five law schools agreed to conduct a pretest of the prototype writing skill assessment during the summer and fall of 1995. Two of these schools wanted to try the test with their entire entering classes while the others had agreed to ask for volunteers or to administer the test in selected classes. These institutions were sent instructions for administration of the test (Appendix C), a student consent statement to be read to students before they were administered the test (Appendix D), and student rosters for recording data (Appendix E). Two student rosters were to be completed, one including the students' names (which would be retained at the institution) and another with the students' names replaced by codes to be obtained from the LSAC. The rosters without the student names were to be returned to Educational Testing Service (ETS) to ensure student anonymity.

Test Timing

Since the time available for testing varied for each institution, and since precisely how much time to allow for the pretest was unknown, it was decided to allow a range from 45 to 60 minutes. The informal tryouts had shown that the subjects used could complete the test in 45 minutes, but it was not certain how much time students in the participating institutions would require. Additionally, some time would be required for orienting the students to the test and for reading the instructions. Institutions were requested to record the total time available for instructions and actual testing, the total time used for instruction, and the total time used for actual testing on the Test Administration Questionnaire (Appendix F).

Student Motivation

In a pretest situation, the motivation of the examinees is always a concern. If examinees do not do their best, it is not clear what the results mean. At the same time, students must be told that the test is experimental and that it will have no effect on their grades or other school outcomes. The consent statement read to students also told them that, if for any reason, they did not wish to take the test, they did not have to do so. Accordingly, in this kind of testing environment, one can never be certain that students were motivated to do well on the test.

Data Obtained

The five participating institutions were coded A, B, C, D, and E. A total of 19 persons took the test in Institution A, 227 in Institution B, 58 in Institution C, 189 in Institution D, and 11 in Institution E. Three of the persons taking the test in Institution A and one of those persons in Institution C were instructors. The participating institutions also provided writing course grades and law school grade average for most students who took the prototype test. Course grades and law school average were for the first semester of law school except for the writing course grades in Institution D, which were for a course covering the entire first year of law school.

Test Analyses

A total of 507 persons took the prototype DWST in the five participating institutions, with 254 taking Form V and 253 taking Form W. The overall mean score was 29.27 (out of a maximum of 48 items). Those administered Form V obtained a mean score of 28.68 and those administered Form W obtained a mean score of 29.86. The standard deviation was 5.73 overall, with a standard deviation of 5.40 for Form V and a standard deviation of 5.99 for Form W. The scores ranged from zero to a high of 42 (out of 48 items). The range for Form V was zero to 42 and that for Form W was 3 to 41. Three of the answer sheets for Form V were blank, however, and when these were excluded, the range of scores for Form V was from 3 to 42.

The frequency distribution of scores is shown in Figure 1. This distribution is essentially normal, except for a slight bimodality at the peak and a curious cluster of scores below 20. The cluster of low scores, together with the three blank answer sheets that were excluded from Figure 1, suggests that some examinees may not have been highly motivated. Random guessing alone would have produced an average score of 12, so that any score near 12 could be the result of random guessing. In fact, if one takes scores in the range from 8 to 15 and computes a weighted average, that average is 12.5. One can imagine that some of the scores above 15 resulted from a combination of guessing and some (but not much) actual reading of the questions. We believe that this clustering of scores in the lower tail of the distribution is important and more will be said about it below.

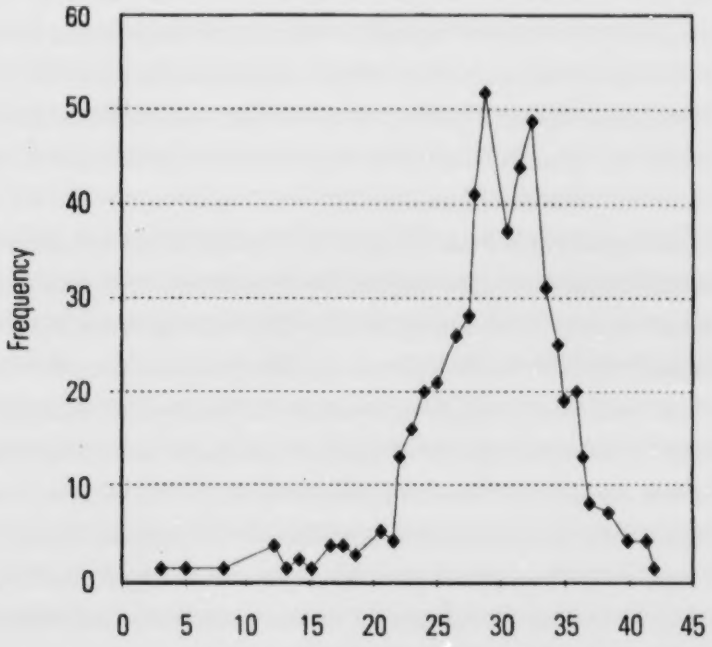

FIGURE 1. *Distribution of DWST scores*

Table 3 gives the total and subscore means, standard deviations, and ranges for each of the five participating institutions. Institution A has the highest total mean score (34.37), but this includes the scores of three instructors. When the instructors' scores are removed, this mean is reduced to 33.20. With the instructors' scores removed, Institution A still has the highest observed mean score on the DWST. Institution E had the lowest mean score (25.73), but only 11 students took the test. The total score ranges are especially interesting, since one student scored as low as 3 (in Institution D), which is below the score of 12 that could be expected from guessing alone.

TABLE 3

DWST diagnostic and total score means, standard deviations, and ranges by institution

Score	Items	Institution A* (N = 19)	B (N = 227)	C** (N = 58)	D (N = 189)	E (N = 11)
Organization						
Mean	15	9.58	7.78	9.02	8.14	6.54
S.D.		2.35	2.02	1.86	2.16	2.19
Range		5–14	1–13	5–13	0–13	3–10
Transition						
Mean	11	8.79	7.12	7.84	7.57	6.36
S.D.		0.77	1.69	1.76	1.65	2.60
Range		7–10	1–11	3–11	1–10	2–11
Strategy						
Mean	7	5.10	4.39	4.86	4.70	4.27
S.D.		1.12	1.27	1.31	1.28	1.14
Range		3–7	0–7	1–7	0–7	2–6
Conciseness						
Mean	7	5.05	3.81	4.69	4.19	2.91
S.D.		0.76	1.40	1.16	1.32	0.67
Range		3–6	0–7	2–7	0–7	2–4
Clarity						
Mean	8	5.84	4.91	5.88	5.43	5.64
S.D.		1.31	1.38	1.13	1.47	1.55
Range		2–8	2–8	3–8	1–8	3–8
Total						
Mean	48	34.37	27.98	32.39	30.04	25.73
S.D.		4.24	4.75	4.58	5.34	5.61
Range		25–41	12–37	19–42	3–41	13–34

*Includes three instructors
**Includes one instructor

Student Motivation

The relatively high percentage of students below, at, or near a guessing level of performance suggests that some students may not have been highly motivated when they took the test. This might readily be expected, since students were told that the test would not affect their law school grades and, in fact, that they did not have to take the test at all if they did not want to. Nevertheless, since most students appeared to have taken the test seriously, useful analyses can be conducted.

DWST Speededness

Another concern about the experimental administration was whether students would have adequate time to complete the test. Of the 504 persons who submitted answer sheets, 455 completed the test, or 90 percent. Four of those who completed the test were instructors, however. Of the 500 students, four made no attempt to complete the test, responding to less than 10 items (two students) or working on only one of the two parts of the test (two students). If these four students are excluded from the total, 451 of 496 students (91 percent) completed the test. By Swineford's (1956) guidelines on test speededness, a test is considered unspeeded if: (1) 80 percent of examinees complete the entire test, and (2) 100 percent of examinees complete 75 percent of the test. The DWST clearly qualifies as unspeeded on the basis of the first criterion. But it would not qualify as unspeeded by the second criterion because 11 students completed less than 75 percent of the test, or 36 items. If it is reasoned, however, that these 11 students were not motivated and could have completed the test had they wanted to, the DWST could still be considered unspeeded.

Table 4 gives an analysis of completion rates within institutions and within course sections. Low completion rates tended to occur primarily in some sections of some institutions, suggesting that perhaps something occurred in those sections to reduce completion rates. Since different amounts of time were available in different institutions and sections, it is of interest to examine completion rates in relation to time available. Of those students who were allowed 50 to 60 minutes to complete the test, 244 of 252 (or 97 percent) did complete it. Of those allowed 45 to 47 minutes, 206 of 234 (or 88 percent) completed the test.

TABLE 4

DWST timing and completion rates

Institution Code/Section	N* Total	N* Completing Test	Testing Time	Completion Rate
A	16	16	50	100
B	219	194	45–60	89
B-1	26	24	55	92
B-2	24	23	60	96
B-3	26	15	45	58
B-4	19	19	55	100
B-5	19	16	45	84
B-6	16	15	45	94
B-7	23	19	47	83
B-8	25	25	45	100
B-9	14	14	45	100
B-10	14	12	45	86
B-11	13	12	45	92
C	55	50	45	91
C-1	10	9	45	90
C-2	15	15	45	100
C-3	4	4	45	100
C-4	15	11	45	73
C-5	5	5	45	100
C-6	6	0	45	100
D	86	181	60	97
D-1	70	68	60	97
D-2	57	57	60	100
D-3	59	56	60	95
E	10	9	45	90
Total	486	450	45–60	92
60 Minutes	210	204	60	97
55 Minutes	26	24	55	92
50 Minutes	16	16	50	100
47 Minutes	23	19	47	83
45 Minutes	211	187	45	89
50 + Minutes	252	244	50+	97
50 - Minutes	234	206	50-	88

*Excludes instructors, blank answer sheets, and students who withdrew.

DWST Item Difficulties

Table 5 shows that the largest proportion of DWST item difficulties were in a midrange of difficulty (40 to 70 percent of students answering correctly). For the Form V sample of examinees, 48 percent of items were in this range and, for the Form W sample of examinees, 40 percent. Only 16 percent of Form V items and 16 percent of Form W items were more difficult, while 35 percent of Form V items and 44 percent of form W items were less difficult. Since the DWST used a four-choice item structure, items with difficulties near or below $p = .25$ were probably answered predominantly by random guessing. Thus, in Table 5, the six items in the 10 to 30 percentage correct range may have been the result of guessing. Overall, the average p value for Form V was .61 and that for Form W was .64. The optimum average p value for a test with a four-choice item structure is approximately .75, since 25 percent of correct responses could result from guessing alone, and since .50 would be optimum for a test which allowed no guessing. This would suggest that the DWST is slightly more difficult than would be optimum, but difficulty level is readily adjusted.

TABLE 5
DWST item difficulties

Percentage Correct	Examinee Sample			
	Form V		Form W	
	N	Percent	*N*	Percent
Range				
90 +	5	10	5	10
80 - 90	7	15	7	15
70 - 80	5	10	9	19
60 - 70	11	23	7	15
50 - 60	4	8	11	23
40 - 50	8	17	1	2
30 - 40	2	4	2	4
20 - 30	5	10	5	10
10 - 20	1	2	1	2
< 10	0	0	0	0
Average				
61 (FormV)				
64 (FormW)				

DWST Reliability

Table 6 summarizes reliability analyses conducted of the DWST, its subscores, and its two parts. Coefficient Alpha based on the Form W sample was .76 and Coefficient Alpha based on the Form V sample was .70. Alpha estimates for the Part 1 and Part 2 scores are of special interest because of what appears to be a positioning effect. Part 1 of Form V, the 23 items about Valerie, produced an alpha estimate of .45 even though the same 23 items, as Part 2 of Form W, produced an alpha estimate of .68. A similar but less dramatic effect occurred for Part 1 of Form W, the 25 items based on Winfield. When these same 25 items were ordered second for Form V, the alpha estimate increased from the .60 obtained for Part 1 to .66. Since the higher alpha estimates both occurred for Part 2, it could be that examinees feel more comfortable with the test format after they get to the second half of the test.

Because alpha estimates of reliability are lower-bound estimates (Lord & Novick, 1968, p. 87), it is of interest to consider what might be upper-bound estimates of reliabilities for Forms V and W. If one takes the Part 2 alpha estimates and applies the Spearman-Brown prophecy formula (assuming the two parts are of equal length), an upper-bound estimate for Form V would be .80 and an upper-bound estimate for Form W would be .81.

TABLE 6

DWST subscore, part, and total reliabilities

Score	Items	Coefficient Alpha	
		Form V	Form W
Organization	15	0.33	0.44
Transition	11	0.41	0.46
Strategy	7	0.43	0.38
Conciseness	7	0.33	0.34
Clarity	9	0.35	0.34
Part 1	*	0.45	0.60
Part 2	*	0.66	0.68
Total	48	0.70	0.76

*Form V has 23 items in Part 1 and 25 in Part 2; Form W has 25 items in Part 1 and 23 items in Part 2.

The alpha estimates for the subscores are, of course, somewhat less than those for the total test. It is interesting, however, that some of the subscore estimates for Form V are almost as high as the .45 estimate for Part 1 of Form V. Why this might be is not clear, but one suspects either that Form V is not unidimensional or that something odd may have occurred within the sample that took Form V. Since Form W consists of the same items as Form V, but in a different order, the hypothesis of a dimensionality seems less likely than one related to the nature of the sample.

As noted previously, there are a number of reasons why one would expect relatively low reliabilities for a test like the DWST:

1. The construction of the test as two testlets results in what is known as local dependence (see Wainer & Thissen, 1996).

2. The use of a four-choice item structure, rather than the usual five-choice structure, increases the probability of guessing correct answers.

3. The inherent inefficiency of some of the items, as well as the inefficiencies resulting from some imperfect prototype items, resulted in fewer effective items in the test.

4. No effort was made to limit the items in the test on the basis of homogeneity, so it is quite likely that the items are relatively heterogeneous.

Questionable Items

A total of six of the 48 items of the DWST were identified as questionable because of *p*-values near or below .25, very low biserial correlations, or low *p*-values in an extremely high-scoring group. A summary of the analyses made of these items is given in Table 7. These items were double-keyed in an attempt to make them more effective, but Table 7 shows that the double-keying usually only made the items less difficult.

The p_{high} figures in Table 7 were computed from a subsample of nine examinees who responded correctly to at least 40 of the 48 items on the test. Three of these examinees were instructors in one of the participating institutions. When these items were single-keyed, five of the six items were answered correctly by only one-third of the top-scoring examinees. One of the six items was answered correctly by five of the nine top-scoring examinees, but its overall *p*-value was only .25. The r_{bis} correlations (biserials) were computed as the correlation between the item score and the total score, with that item removed, and then averaged for the two test forms. The *p*-values shown were also the average for the two forms.

The double-keying was conducted by identifying the option selected most often as correct and counting that as correct as well as the keyed option. This double-keying, of course, increased the *p*-values for all six items.

The biserial correlations for only three of the items were increased by double-keying, however, and for two items the biserial correlations decreased.

Alpha reliability estimates were made both after these items were removed from the test and after they were double-keyed. Removing these six items reduced the alpha for Form V from .70 to .66 and for Form V from .76 to .62. Double-keying the items had about the same effect: The Form V alpha estimate was reduced from .70 to .66, and the Form W alpha estimate was reduced from .76 to .61.

TABLE 7

*Questionable items**

Item	Single-keyed			Double-keyed		
	p	p_{high}	r_{bis}	p	p_{high}	r_{bis}
W-3/V-26	0.43	0.33	0.12	0.80	1.00	0.09
W-20/V-43	0.20	0.33	0.13	0.64	0.67	0.13
W-21/V-44	0.25	0.56	0.20	0.85	1.00	0.36
W-41/V-16	0.45	0.33	-0.06	0.82	0.78	0.10
W-46/V-21	0.14	0.33	0.14	0.63	0.78	0.02
W-47/V-22	0.25	0.33	0.08	0.65	0.89	0.14

*These items were revised in January 1997, but no new data have been collected for them. The revised items are included in the Appendix A revisions of Forms W and V.

Predictive Validity of the DWST

This section compares the validity of the DWST with that of the UGPA and the LSAT for predicting writing course grades and average law school grades. To make these comparisons possible, the data collected for the current study were matched with data of LSAC. In some cases, no match was made because the LSAC identification numbers provided by the participating law schools did not match those on record at LSAC. Additionally, some cases were excluded because LSAT scores were on an old score scale that could not be compared with the current score scale. Other cases were excluded because students withdrew from courses and thus had no course grades. Table 8 summarizes the data available for predictive validity analyses.

Correlational Analyses

Table 9 compares correlations between UGPA, LSAT scores, and DWST scores and law school writing course grades. For the DWST, correlations were computed for both the single-keyed version and the version with double-keying of six items. The correlations vary considerably for each institution, but the average of the correlations weighted by the number of cases analyzed for each institution indicates that the DWST was the best predictor of writing course grade (.28–.29), the UGPA second best (.23), and the LSAT worst (.21). Double-keying of the six questionable items on the DWST made little difference in predictive validity. These average DWST correlations with writing course grades are not quite as high as the .36 figure obtained by Olsen (1956) using a 30-minute editing test (human scored), but they are slightly better than the .26 correlation obtained by Pitcher (1962) using a 30-minute editing test and a .23 correlation using a combining sentences test (both human scored).

TABLE 8

Number of cases, means, and standard deviations for UGPA, LSAT, and DWST in five law schools

Variable	Institution A	B	C	D	E
UGPA					
N	16	192	49	178	9
Mean	3.36	2.93	3.25	3.06	3.30
S.D.	0.48	0.46	0.43	0.41	0.25
Minimum	2.30	1.79	2.22	2.07	2.84
Maximum	3.95	3.96	3.83	3.95	3.76
LSAT					
N	16	193	49	177	9
Mean	162	150	157	155	153
S.D.	6.62	5.76	6.3	5.22	2.98
Minimum	147	130	142	141	150
Maximum	175	165	176	175	159
DWST(Single)					
N	16	193	51	181	9
Mean	33.2	28.5	33.1	30.4	27.8
S.D.	3.96	3.34	4.34	4.58	3.77
Minimum	25	12	23	8	24
Maximum	41	37	42	41	34
DWST(Double)					
N	16	193	51	181	9
Mean	36.4	31.5	35.7	33.4	31
S.D.	4.44	4.45	4.15	4.57	4.24
Minimum	26	15	26	11	25
Maximum	42	41	45	44	37

TABLE 9

A comparison of UGPA, the LSAT, and the DWST as predictors of law school writing course grade

Institution	*N*	Correlations UGPA	LSAT	DWST (Single)	DWST (Double)
A	16	0.29	0.48	0.71	0.67
B	188	0.20	0.00	0.24	0.24
C	48	0.29	0.40	0.14	0.23
D	170	0.21	0.39	0.34	0.34
E	9	0.64	-0.25	-0.05	-0.09
Weighted average		0.23	0.21	0.28	0.29

Table 10 makes the same comparison when the criterion is changed to law school grade-point average. As in the prediction of law school writing course grade in Table 9, the correlations vary considerably across institutions. The weighted average of these correlations, however, indicates that the LSAT was the best predictor of law school GPA (r = .37), the DWST second best (.31–.32), and UGPA third best (r = .19). As was the case of predicting writing course grade, the double-keying of six questionable items of the DWST made little difference.

With the exception of the UGPA correlation, these average correlations with law school GPA are similar to the average for a large number of studies summarized by Schrader (1976). A total of 150 different law

schools provided the data, which were collected between 1948 and 1973. The average of 679 LSAT correlations with law school GPA was .34 (versus .37 in the current study), the average of 586 correlations with writing ability tests was .28 (versus .31–.32 in the current study), and the average of 669 correlations with UGPA was .27 (versus .19 in the current study). The writing ability tests used in these studies varied, but most often they were multiple-choice sentence correction tests, usage tests, or tests combining sentence correction and usage.

TABLE 10

A comparison of UGPA, the LSAT, and the DWST as predictors of law school GPA

		Correlations			
Institution	*N*	UGPA	LSAT	DWST (Single)	DWST (Double)
A	16	0.37	0.56	0.81	0.79
B	189	0.14	0.24	0.35	0.35
C	48	0.47	0.62	0.39	0.38
D	176	0.14	0.44	0.25	0.24
E	9	0.46	0.16	-0.26	-0.19
Weighted average		0.19	0.37	0.32	0.31

Multiple Regression Analyses

Table 11 examines the question of whether the DWST would contribute in the prediction of law school writing course grade, assuming that UGPA and LSAT were already available. Only four institutions are included in this analysis because Institution E, with only nine cases of data, was not appropriate for a consideration of multiple variables. Table 11 indicates that the DWST made a statistically significant contribution to the prediction of law school writing course grades in three of the four institutions examined (A, B, and D) but not in Institution C (even though the multiple correlation was increased from .45 to .47 in Institution C with the addition of DWST).

TABLE 11

Contributions of UGPA, LSAT, and DWST in the prediction of law school writing course grade

Institution / Predictor Set	*N*	*r*	*p*	*R*	*R**
Institution A					
UGPA	16	0.29	0.91	0.76	0.53
LSAT		0.48	0.19	(0.68)	(0.41)
DWST		0.71	0.01		
Institution B					
UGPA	188	0.20	0.04	0.30	0.20
LSAT		0.00	0.28	(0.28)	(0.17)
DWST		0.24	<.01		
Institution C					
UGPA	48	0.29	0.10	0.47	0.45
LSAT		0.40	<.01	(0.41)	(0.41)
DWST		0.14	0.31		
Institution D					
UGPA	170	0.21	<.01	0.47	0.44
LSAT		0.39	<.01	(0.46)	(0.43)
DWST		0.34	0.01		

Note. R^* is the multiple correlation for predicting law school writing course grade without the use of the DWST. The figures in parentheses are multiple correlations corrected for shrinkage.

Table 12 summarizes the results of multiple correlational analysis of the prediction of first-semester law school GPA using UGPA, the LSAT, and the DWST. Institution E was excluded because of the small number of cases available for analysis. Table 12 shows that the DWST made a statistically significant contribution to the prediction of law school GPA in two of the four institutions (A and B) but not in the remaining two (C and D). The addition of the DWST to UGPA and LSAT increased the multiple correlation from .63 to .87 in Institution A and from .30 to .38 in Institution B.

TABLE 12

Contributions of UGPA, LSAT, and DWST in the prediction of law school GPA

Institution/ Predictor Set	*N*	*r*	*p*	*R*	*R**
Institution A					
UGPA	16	0.37	0.63	0.87	0.63
LSAT		0.56	0.05	(0.84)	(0.55)
DWST		0.81	<.01		
Institution B					
UGPA	189	0.14	0.09	0.38	0.30
LSAT		0.24	0.05	(0.37)	(0.28)
DWST		0.35	<.01		
Institution C					
UGPA	48	0.47	<.01	0.70	0.70
LSAT		0.62	<.01	(0.68)	(0.68)
DWST		0.39	0.93		
Institution D					
UGPA	176	0.14	0.04	0.46	0.46
LSAT		0.44	<.01	(0.45)	(0.45)
DWST		0.25	0.56		

Note. R^* is the multiple correlation for predicting law school GPA without the use of DWST. The figures in parentheses are multiple correlations corrected for shrinkage.

Gender and Ethnic Differences

Table 13 compares means for UGPA, LSAT, and DWST for males and females and shows that females in the five institutions of this study made statistically higher undergraduate grades than males. Table 13 also shows that this gender effect size for UGPA is quite large (-4.89) by the standards most often used (Cohen, 1988). For the LSAT, Table 13 indicates an almost significant gender difference favoring males ($p = .06$) and a small effect size of .18. For the DWST, Table 13 suggest a small effect size also, but in this case females have the higher mean scores.

Table 14 examines mean differences for minority and White examinees. Although the ethnic difference of UGPA is not statistically significant at the .05 level, the effect size (1.45) is substantial and favors White examinees. LSAT mean scores were significantly higher for White examinees and the effect size (.65) was of a medium magnitude as defined by Cohen (1988). DWST mean scores were not statistically significant even though there was a small effect size of .17 favoring White examinees.

TABLE 13
Gender differences in UGPA, LSAT, and DWST

Variable	N	Mean	Mean Difference	p	S.D.	Effect Size
UGPA						
Male	274	2.963	-0.202	<.01	0.0403	-4.89
Female	207	3.150			0.0423	
LSAT						
Male	274	153.8	1.20	0.06	6.30	0.18
Female	205	152.6			6.71	
DWST						
Male	274	29.10	-0.88	0.06	5.15	-0.17
Female	207	29.99			5.08	

TABLE 14
Ethnic differences in UGPA, LSAT, and DWST

Variable	N	Mean	Mean Difference	p	S.D.	Effect Size
UGPA						
Minority	110	3.002	0.06	0.20	0.0395	1.45
White	350	3.061			0.0431	
LSAT						
Minority	112	150.1	4.10	<.01	6.33	0.65
White	347	154.2			6.27	
DWST						
Minority	111	28.79	0.88	0.13	5.20	0.17
White	349	29.65			5.11	

Summary and Discussion

Following a Phase I effort that explored the nature of legal writing, Phase II had the objective of implementing the findings of Phase I, producing a prototype assessment of writing skill appropriate for entering law students, and collecting data with the prototype assessment to examine its potential for use in law school admissions and placement. The prototype assessment developed in Phase II reflected the finding from Phase I that legal writing emphasized style factors such as organization, transition, and logical continuity more so than mechanics and sentence structure. To develop an assessment emphasizing style factors required the use of entire pieces of writing rather than single sentences in isolation.

To ensure that the topics were relevant and that the material was free from copyright restrictions, the prototype assessment was constructed using material from the LSAT Writing Sample. Two exercises inspired by what was known as an interlinear exercise were constructed. These exercises consisted of hypothetical responses to LSAT Writing Sample prompts based on actual responses made by law school applicants. Thus, the kinds of writing problems posed represented problems exhibited by law school applicants. To allow for machine scoring, the handwritten responses required for interlinear (editing) exercises were replaced by a multiple-choice format. The two exercises were then assembled into two test forms by placing one exercise first in one form and second in the other form.

After some experimentation with the two exercises, timing for a test made up of both exercises together was set at 45 minutes, since most examinees in trials could complete the prototype test in that amount of time. Data collected from entering students at five law schools indicated that 45 minutes was about right for timing, although some institutions allowed students as long as one hour to complete the test. Students

allowed 60 minutes or more completed the prototype test at a 97 percent rate; students allowed 45 minutes completed the test at an 89 percent rate. Since 75 percent completion rates are common for even some of the most sophisticated assessments, the 89 percent rate would seem to be acceptable.

The difficulty of the DWST was examined by computing the average item *p*-value (percentage correct) as well as the distribution of scores. The average *p*-value for Form V was .61 and that for Form V was .64. Anastasi (1988, p.204), citing Lord (1952), indicates that an average *p*-value of .69 is optimum for a test made up of five-choice multiple-choice items. Were it not for guessing, the optimum average *p*-value would be .50, since a test made up of five-choice items makes it possible to answer 20 percent of the items correctly through guessing alone. For a test like the DWST made up of four-choice items, the guessing factor can increase the average *p*-value by 25 percent, so the optimum average *p*-value is closer to .75. Therefore, an average *p*-value of .61 to .64 is relatively low and suggests that the DWST was more difficult than would have been optimum. Although these relatively low *p*-values were in part due to motivational problems of some examinees who did not complete the test or who only guessed at answers, a conclusion that the DWST was relatively difficult is also reached by examining the scores of the four instructors who took the test. These scores ranged from 32 (out of a maximum possible score of 48) for one instructor to 40 for three other instructors. Even the highest-scoring instructors missed at least 8 questions. One would think that at least some instructors in legal writing courses should come closer to perfect scores of 48. Despite the relative difficulty of the DWST, an examination of the distribution of scores showed that it was essentially a normal distribution. Additionally, some of the items were quite easy: five items were answered correctly by over 90 percent of examinees, and seven items were answered correctly by between 80 and 90 percent of examinees.

The reliability of the DWST was also relatively low by most standards. Coefficient Alpha, a lower-bound estimate, ranged from .70 for Form V to .76 for Form W (the items in these two forms were identical, however, but ordered differently). An upper-bound reliability estimate of .81 was made by extrapolation of part score reliabilities. The relatively low reliability of the DWST was anticipated because of the following factors, however:

1. The DWST is made up of two testlets, each with local dependencies, which tend to lower reliability (Wainer & Thissen, 1996).

2. Since the items in the testlets relate to the context of a passage, they could not be ordered by difficulty, the practice followed for most multiple-choice tests, and this ordering could affect reliability estimates.

3. Some of the DWST items are relatively inefficient, requiring (for example) the examinee to read and re-read parts of a passage to determine the optimum placement of a sentence. Such inefficiencies reduce the number of items that can be used in a test of 45 minutes duration and thus reduce its reliability.

4. The use of a four-choice item structure, rather than the usual five-choice structure, increases the probability of guessing correct answers and thus reduces reliability.

5. No attempt was made in the construction of the test to control item homogeneity, which is known to increase internal consistency and therefore reliability.

In addition to these anticipated reasons for a relatively low DWST, the imperfections detected in a few of the items undoubtedly reduced reliability as well.

The objective in constructing a test with a relatively low anticipated reliability was to attempt to trade reliability for validity (Wainer & Thissen, 1996) by focusing on those aspects of writing judged most important in legal writing even if doing so was likely to reduce reliability. The results of the validity analyses conducted suggest some success in trading reliability for validity because the DWST (with only 45 to 60 minutes of testing time) predicted law school writing course grades better than did either the LSAT (with three hours of testing time) or UGPA. The LSAT, of course, predicted law school GPA better, but that is

its purpose. The DWST did make a significant contribution to the prediction of law school GPA (in three of four institutions analyzed) when used along with the LSAT and UGPA.

Some final analyses conducted were of gender and ethnic differences in UGPA, the LSAT, and the DWST. The largest effect size, for both gender and ethnic differences, occurred for UGPA. The LSAT had a small gender effect size, favoring males, and the DWST had a small gender effect size, favoring females. The LSAT had a moderate ethnic effect size, favoring Whites, and the DWST had a small gender effect size, favoring males.

Conclusions and Next Steps

The analyses conducted provide evidence that a test of writing skill can be developed that would predict writing performance in law school better than the LSAT or UGPA. That was the primary purpose of this undertaking. Although such a test is unlikely to predict law school grade average better than the LSAT, it would be likely to contribute significantly to the prediction of law school grade average when used in combination with the LSAT and UGPA. If administered and scored as a part of the LSAT, such a writing test would be likely to reduce gender as well as ethnic differences on the LSAT.

A number of options can be imagined for further research and development of the DWST. Choosing among the options depends on the relative importance one attaches to reliability, face validity, and test timing. Most options would trade face validity for efficiency assuming that passage and sentence correction items require one minute each, while usage items each require only about one-half a minute of testing time. Some options follow:

1. Keep the test pretty much as it is now but clean up some of the too hard, confusing, or time-consuming items, and increase the number of items slightly, say, from 48 to 50. This option retains all of the face validity of the current prototype and should increase reliability slightly.

2. Retain two passages, but make them shorter, with a total of 35-40 passage items (35 minutes), and add 15-20 discrete usage items (10 minutes). This option would increase reliability some by introducing the more efficient usage items but would decrease face validity to some degree.

3. Use only one passage, with 25 items (25 minutes), add 15-20 discrete usage items (10 minutes), and add 10 discrete sentence correction items (10 Minutes). This option should substantially increase reliability but would decrease face validity.

4. Use only one passage, with 30-32 items (30 minutes), and add 25-28 usage items (15 minutes). This option should increase reliability somewhat but it would also decrease face validity.

5. Increase testing time to 60 minutes, use two passages with 45-50 items (45 minutes), and add 20-25 usage items (15 minutes). This longer test would allow the retention of two passages but would increase reliability by using the usage items.

Whatever option is selected, there is a need to collect more data than was possible in Phase II and to administer the revised test in an operational setting.

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Appendix A	*The Prototype Test, Form V;* *The Prototype Test, Form W*
Appendix B	*Diagnostic Score Report, Booklet 10774, Form W*
Appendix C	*Test Administration Instructions,* *Sample Test Booklet Cover,* *Sample Answer Sheet*
Appendix D	*Student Consent Statement*
Appendix E	*Student Rosters*
Appendix F	*Text Administration Questionnaire*

PART I

Form V

Name_____

DIAGNOSTIC WRITING SKILLS TEST

FOR

ENTERING LAW STUDENTS

This section consists of two parts. When you finish the first part, go on to the second.

Directions

A hypothetical dilemma and the first draft of a student essay that proposes a solution to it are given below. After you have read these, select the best answer to each question that follows the essay. Some questions refer to parts or the whole of the essay and ask you to consider organization and development. Other questions are about particular sentences or words and ask you to consider sentence structure and precision.

For each question, consider only the issue or issues the question addresses. Assume everything else in the essay stays the same.

In making your decisions, please follow the usual conventions of written English. After you have chosen your answer, fill in the corresponding oval on your answer sheet.

The Dilemma

Valerie, a graduate student in mathematics, needs a part-time job. She has only two job offers, one tutoring students in math at the University Learning Center (ULC) and one waiting tables in a local restaurant.

The tutoring position would not quite cover her expenses. In addition, the tutoring schedule would force her to postpone some courses she had planned to take this semester. Further, because she would have to work during faculty hours, she would have to schedule special meetings with her professors.

The restaurant, Milano's, would force her to work until after midnight on nights before an important 8:00 a.m. class that she cannot reschedule. Further, if she takes this job, she would have to give up the evening meetings of her study group. Her earnings, however, could cover all expenses.

Valerie must decide between these job offers, keeping the following considerations in mind:

* Valerie wants the income from her job to minimize the money she must borrow for living expenses.

* Valerie wants the job to interfere with her graduate program as little as possible.

The Essay Draft

(1) Upon the limited information provided, the tutoring job would satisfy the two guidelines at hand. (2) My reasoning is as follows.

(3) When Valerie decided to go to graduate school, she committed herself to a career in mathematics. (4) Valerie should choose a job that would keep her focused on mathematics. (5) Suppose that job brings in less income. (6) She could borrow a little money. (7) Tutoring would accomplish this far more than waiting on tables by keeping her schedule and budget under control while she continued to be exposed to mathematics.

(8) Although Valerie might have to take some classes in a later semester, the tutoring schedule allows more time to rest and prepare for class. (9) She can always schedule appointments with professors in lieu of seeing them during their office hours. (10) She wouldn't have to do a job with which she would not be familiar and unsatisfied, since she is a mathematician. (11) By tutoring, Valerie would achieve the practice of teaching techniques that would strengthen her career options later on. (12) The local restaurant isn't a good choice because the long working hours will interfere with her graduate work. (13) Waiting tables is mind numbing work where the only math involved is figuring out whether one made 15 or 20 percent off that last table. (14) The Milano's job schedule will force her to give up her study group. (15) This is a great loss. (16) Professors' office hours are not as valuable as to study with a group of students. (17) A regular study group gives you more help than any other study aid. (18) Also it is possible she may be able to receive extra help from her professors before class or at another time.

(19) The best choice for Valerie is the job offered by the University Learning Center. (20) Although her total pay would usually be greater at Milano's, the weekly pay is good and it doesn't require her to sacrifice her education. (21) The job will help her develop skills she would need as a teacher. (22) Valerie's choice will have great impact on her success in graduate school.

Questions

1. Of the following, which would be the best first sentence for this essay?

   (A) (Leave as is)
   (B) In deciding to go to graduate school, the subject in question committed herself to a profession in mathematics.
   (C) Although neither job is ideal, Valerie's better choice is the tutoring job at the University Learning Center.
   (D) The job at the restaurant has a number of disadvantages in comparison to the job at the University Learning Center.

2. Which of the following should be added to make the first paragraph a better introduction to the essay?

   (A) A short and humorous anecdote about the difficulty of balancing school and a part-time job
   (B) A summary of the considerations Valerie must keep in mind in choosing between the two jobs
   (C) An analysis of the advantages and disadvantages of both jobs
   (D) A summary of the author's credentials

3. Which of the following would be best for sentence 3 (reproduced below)?

When Valerie decided to go to graduate school, she committed herself to a career in mathematics.

   (A) (Leave as is)
   (B) Replace the sentence with one that vehemently condemns restaurant work.
   (C) Find more formal words to replace "decided to go."
   (D) Remove the reference to a particular person.

4. Assuming that sentence 3 has not been changed, which of the following could be added to the beginning of sentence 4 to indicate its relationship to sentence 3?

   (A) Similarly,
   (B) Therefore,
   (C) In short,
   (D) Nonetheless,

5. Of the following, which is the best combination of sentences 5 and 6 (reproduced below)?

Suppose that job brings in less income. She could borrow a little money.

   (A) Suppose that job brings in less income, she could borrow a little money.
   (B) Although that job brings in less income, she could borrow a little money.
   (C) That job might sacrifice income, although she could borrow a little money.
   (D) That job might sacrifice income: she could borrow a little money.

6. What would be the best version of the underlined portion of sentence 7 (reproduced below)?

Tutoring would accomplish this far more than waiting on tables by keeping her schedule and budget under control while she continued to be exposed to mathematics.

   (A) (leave as is)
   (B) Tutoring would help her reach her professional goals by...
   (C) For the following reasons, tutoring is the best work alternative for Valerie in her effort to meet her professional goals: ...
   (D) Tutoring, not waiting on tables, would achieve this by...

7. Why does the author begin sentence 8 with "Although Valerie might have to take some classes in a later semester"?

   (A) To convince the reader to alter his or her opinion.
   (B) To minimize the significance of a disadvantage.
   (C) To encourage the reader to sympathize with Valerie's predicament.
   (D) To contradict a common assumption.

GO ON TO THE NEXT PAGE

The following draft is reprinted for your convenience in answering the following questions.

The Essay Draft

(1) Upon the limited information provided, the tutoring job would satisfy the two guidelines at hand. (2) My reasoning is as follows.

(3) When Valerie decided to go to graduate school, she committed herself to a career in mathematics. (4) Valerie should choose a job that would keep her focused on mathematics. (5) Suppose that job brings in less income. (6) She could borrow a little money. (7) Tutoring would accomplish this far more than waiting on tables by keeping her schedule and budget under control while she continued to be exposed to mathematics.

(8) Although Valerie might have to take some classes in a later semester, the tutoring schedule allows more time to rest and prepare for class. (9) She can always schedule appointments with professors in lieu of seeing them during their office hours. (10) She wouldn't have to do a job with which she would not be familiar and unsatisfied, since she is a mathematician. (11) By tutoring, Valerie would achieve the practice of teaching techniques that would strengthen her career options later on. (12) The local restaurant isn't a good choice because the long working hours will interfere with her graduate work. (13) Waiting tables is mind numbing work where the only math involved is figuring out whether one made 15 or 20 percent off that last table. (14) The Milano's job schedule will force her to give up her study group. (15) This is a great loss. (16) Professors' office hours are not as valuable as to study with a group of students. (17) A regular study group gives you more help than any other study aid. (18) Also it is possible she may be able to receive extra help from her professors before class or at another time.

(19) The best choice for Valerie is the job offered by the University Learning Center. (20) Although her total pay would usually be greater at Milano's, the weekly pay is good and it doesn't require her to sacrifice her education. (21) The job will help her develop skills she would need as a teacher. (22) Valerie's choice will have great impact on her success in graduate school.

8. Of the following, which is best for beginning sentence 9?

   (A) Also,
   (B) Until
   (C) In addition,
   (D) In any case,

9. Which assumption is it most important to defend in order to strengthen the argument in the third paragraph (lines 8 to 18)?

   (A) Valerie will not have contact with faculty at the tutoring center.
   (B) The professors will be willing to make appointments at other times of the day.
   (C) Valerie will need to meet with the professors during the semester.
   (D) Appointments with Valerie's professors will provide the same kind of assistance she would have received during office hours.

10. Of the following, which is the best revision of sentence 10 (reproduced below)?

She wouldn't have to do a job with which she would not be familiar and unsatisfied, since she is a mathematician.

   (A) She wouldn't have to work at a job that is unfamiliar and unsatisfactory, since she is a mathematician.
   (B) As for being a mathematician, she would find waiting on tables to be unfamiliar and unsatisfactory.
   (C) She wouldn't have to do a job in which she, as a mathematician, would find herself confusing and dissatisfied.
   (D) As a mathematician, she would prefer the more familiar and satisfying tutoring job.

11. Of the following assumptions in sentence 10 (reproduced below), which is not necessarily justified?

She wouldn't have to do a job with which she would not be familiar and unsatisfied, since she is a mathematician.

   (A) Valerie would enjoy being a mathematician.
   (B) Valerie has never been a table server before.
   (C) The Milano's job involves simple mathematics.
   (D) Valerie will definitely get the tutoring job if she decides not to work as a table server.

12. Of the following, which is the best approach to the underlined portion of sentence 12 (reproduced below)?

By tutoring, Valerie would achieve the practice of teaching techniques that would be helpful to her later in her career.

   (A) (Leave as is)
   (B) Replace it with "use, employ, and practice teaching skills."
   (C) Replace it with "practice teaching skills."
   (D) Replace it with "facilitate mathematical techniques."

13. The sentence that introduces a second topic for its paragraph is which of the following?

   (A) 8
   (B) 9
   (C) 12
   (D) 22

14. What assumption is conveyed by the tone of sentence 13 (reproduced below)?

Waiting tables is mind numbing work where the only math involved is figuring out whether one made 15 or 20 percent off that last table.

   (A) Waiting on tables is exhausting.
   (B) Waiting on tables is menial.
   (C) Waiting on tables requires mathematical ability.
   (D) Waiting on tables can be lucrative.

GO ON TO THE NEXT PAGE

The following draft is reprinted for your convenience in answering the following questions.

The Essay Draft

(1) Upon the limited information provided, the tutoring job would satisfy the two guidelines at hand. (2) My reasoning is as follows.

(3) When Valerie decided to go to graduate school, she committed herself to a career in mathematics. (4) Valerie should choose a job that would keep her focused on mathematics. (5) Suppose that job brings in less income. (6) She could borrow a little money. (7) Tutoring would accomplish this far more than waiting on tables by keeping her schedule and budget under control while she continued to be exposed to mathematics.

(8) Although Valerie might have to take some classes in a later semester, the tutoring schedule allows more time to rest and prepare for class. (9) She can always schedule appointments with professors in lieu of seeing them during their office hours. (10) She wouldn't have to do a job with which she would not be familiar and unsatisfied, since she is a mathematician. (11) By tutoring, Valerie would achieve the practice of teaching techniques that would strengthen her career options later on. (12) The local restaurant isn't a good choice because the long working hours will interfere with her graduate work. (13) Waiting tables is mind numbing work where the only math involved is figuring out whether one made 15 or 20 percent off that last table. (14) The Milano's job schedule will force her to give up her study group. (15) This is a great loss. (16) Professors' office hours are not as valuable as to study with a group of students. (17) A regular study group gives you more help than any other study aid. (18) Also it is possible she may be able to receive extra help from her professors before class or at another time.

(19) The best choice for Valerie is the job offered by the University Learning Center. (20) Although her total pay would usually be greater at Milano's, the weekly pay is good and it doesn't require her to sacrifice her education. (21) The job will help her develop skills she would need as a teacher. (22) Valerie's choice will have great impact on her success in graduate school.

15. Which revision of sentences 14 and 15 is the best solution for the vagueness of sentence 15?

    (A) The restaurant's evening hours are disadvantageous, Valerie would have to leave her study group.
    (B) The Milano's job schedule would cause her a great loss, which is to give up her study group.
    (C) The Milano's job schedule would force her to give up her study group, which would be a great loss.
    (D) The Milano's job schedule would be a great loss by forcing her to give up her study group.

16. In context, which is the best way to revise and combine sentences 16 and 17?

    (A) Professors' office hours are not as valuable as study groups in giving you more help than any other study aid.
    (B) Professors' office hours are valuable, but study groups are even more effective.
    (C) While meeting with professors seems to be useful as an aid to one's studying, a regular study group seems to be your most effective study aid.
    (D) Professors' office hours are not as valuable as study groups, and a regular study group gives more help.

17. Assuming that sentences 16 and 17 have not been combined, which word in sentence 17 most needs to be changed or omitted?

    (A) regular
    (B) you
    (C) than
    (D) study

18. Which is the best revision for the underlined portion of sentence 18?

<u>Also it is possible she may be able to</u> receive extra help from her professors before class or at another time.

    (A) On the contrary, it is possible to
    (B) Furthermore, it is possible that she may be able to
    (C) Also, maybe she can
    (D) Moreover, she may be able to

19. Given that sentence 19 begins the concluding paragraph, which of the following is the best revision for sentence 19?

    (A) In my opinion, Valerie's most advantageous choice of jobs is the job offered by the University Learning Center.
    (B) The best choice for Valerie is the tutoring job, which provides support without seriously interfering with her studies.
    (C) The work schedule in the tutoring center will be more convenient than the work schedule in the restaurant.
    (D) Upon weighing the relative advantages of each job, it can be determined that the tutoring position would be more rewarding for Valerie in the long run.

20. The concluding paragraph mentions a topic that was introduced in sentence 7 but never explored further in the essay. Which is it?

    (A) Valerie's schedule
    (B) The advantages of tutoring
    (C) The importance of using math at work
    (D) Valerie's budget

GO ON TO THE NEXT PAGE

The following draft is reprinted for your convenience in answering the following questions.

The Essay Draft

(1) Upon the limited information provided, the tutoring job would satisfy the two guidelines at hand. (2) My reasoning is as follows.

(3) When Valerie decided to go to graduate school, she committed herself to a career in mathematics. (4) Valerie should choose a job that would keep her focused on mathematics. (5) Suppose that job brings in less income. (6) She could borrow a little money. (7) Tutoring would accomplish this far more than waiting on tables by keeping her schedule and budget under control while she continued to be exposed to mathematics.

(8) Although Valerie might have to take some classes in a later semester, the tutoring schedule allows more time to rest and prepare for class. (9) She can always schedule appointments with professors in lieu of seeing them during their office hours. (10) She wouldn't have to do a job with which she would not be familiar and unsatisfied, since she is a mathematician. (11) By tutoring, Valerie would achieve the practice of teaching techniques that would strengthen her career options later on. (12) The local restaurant isn't a good choice because the long working hours will interfere with her graduate work. (13) Waiting tables is mind numbing work where the only math involved is figuring out whether one made 15 or 20 percent off that last table. (14) The Milano's job schedule will force her to give up her study group. (15) This is a great loss. (16) Professors' office hours are not as valuable as to study with a group of students. (17) A regular study group gives you more help than any other study aid. (18) Also it is possible she may be able to receive extra help from her professors before class or at another time.

(19) The best choice for Valerie is the job offered by the University Learning Center. (20) Although her total pay would usually be greater at Milano's, the weekly pay is good and it doesn't require her to sacrifice her education. (21) The job will help her develop skills she would need as a teacher. (22) Valerie's choice will have great impact on her success in graduate school.

21. Which of the following should be done to make sentence 22 a suitable concluding sentence for the essay?

    (A) (Leave as is)
    (B) Change it to "Thus, it has been demonstrated that the most beneficial choice for Valerie can clearly be seen to be the position as tutor."
    (C) Change it to "Given that the tutoring position, though imperfect, is more c ompatible with Valerie's program, it is her best choice."
    (D) Change it to "There is no rational reason why Valerie should even be tempted by the position as food server."

22. Which of the following revisions would significantly improve the draft?

    (A) Providing examples of other jobs that do not interfere with a student's schoolwork.
    (B) Adding to the concluding paragraph an analysis of the salaries offered by the two jobs.
    (C) Adding to the concluding paragraph the statement that the report has proven what the author set out to prove.
    (D) Comparing the disadvantages of both jobs, organized so that the worse job is discussed last.

23. To improve the third paragraph (lines 8 to 18), which of the following revisions would be best?

    (A) Provide examples to clarify statements made in the paragraph.
    (B) Reverse the order of the second and third paragraphs.
    (C) Remove line 9.
    (D) Start a new paragraph after line 11.

STOP

IF YOU FINISH BEFORE YOUR TIME IS UP, YOU MAY CHECK YOUR WORK ON THIS SECTION.

PART II

Directions

The first draft of a memorandum, along with its background, are given below. After you have read these, select the best answers to the questions that follow the memorandum. Some questions refer to parts or the whole of the memorandum and ask you to consider organization and development. Other questions are about particular sentences or words and ask you to consider sentence structure and precision.

For each question, consider only the issue or issues the question addresses. Assume everything else in the memorandum stays the same.

In making your decisions, please follow the usual conventions of written English. After you have chosen your answer, fill in the corresponding oval on your answer sheet.

Background

Main Street in the historic town of Winfield has become clogged with traffic. The town council has been presented with two proposals for remedying the problem. The first plan proposes that a four-story parking garage be constructed at one end of Main Street. Parking would then be prohibited on Main Street, and buses would transport visitors around town. The garage would be built in less than a year. The cost of construction would be paid over five years by parking fees.

The second plan proposes a bypass, to be built with funds offered by the county. The project would take three years to complete. The bypass would provide access to the abandoned original site of Winfield, where a nearby museum plans to build a restoration, but would separate the town from a battlefield that is important to the town's history.

The council is undecided, but it has these two objectives:

* to facilitate the flow of traffic on Main Street
* to preserve and improve the town's attractiveness as a historic site

A colleague of yours has written a memorandum evaluating the two plans and has asked you to suggest revisions. The memorandum is being prepared for the Town Council.

Draft of Memorandum to the Winfield Town Council

(1) Upon a review of the proposals submitted, the evidence seems to point to Plan 2 as being the better of the two alternatives.

(2) The plan seems to have several significant advantages for Winfield. (3) It will get rid of tourists who, studies have shown, are simply passing through Winfield on their way to somewhere else, and make the town more attractive to the tourists who do want to be there. (4) This is important because tourism alleviates the residents' tax burdens. (5) A parking garage would easily be the destruction of the historic atmosphere, given that it will be a large concrete structure overshadowing Main Street. (6) Restoring the settlement will serve as an attraction to tourists. (7) Many towns have historic Main Streets, far fewer have sites dating back to the town's origins. (8) Tourists are more likely to seek out these towns. (9) The town would not have to build the parking garage and could invest that money and use the interest to help pay for advertising to draw more people to Winfield, or they could invest in a connection to connect the battlefield with the town, perhaps with a pedestrian bridge over the highway.

(10) Although Plan 1 is quicker, 3 years is not that long a time.

(11) Improving parking won't increase traffic flow as much as if we eliminate the excess traffic, and having buses continually starting and stopping down Main Street could cause as many traffic problems as the cars that park along the street. (12) Also, "No Parking" signs everywhere could also make tourists feel unwelcome.

(13) By diverting traffic away from Main Street the council takes a chance that some tourists who stopped on a whim may pass on by.

(14) The better atmosphere Winfield would promote by reducing traffic and having the museum construct the restoration would make up for the loss in tourism and better achieve the town's goals. (15) Savings resulting from the lower cost of Plan 2 could be reinvested in the town.

Questions

24. Of the following, which is the best first sentence for this memorandum?

    (A) (Leave as is)
    (B) Although both plans have advantages, Plan 2 best achieves the council's goal of attracting tourists while reducing congestion on Main Street.
    (C) The town council has asked for a report comparing Plans 1 and 2.
    (D) Plan 2 is best because it will increase town income, reduce taxes, cut traffic volume, bring in tourists who want to see Winfield, permit funds to be re-invested in building renovation, reach completion in a reasonable amount of time, and preserve the town's historical atmosphere.

25. To develop the first paragraph (sentence 1) as an introductory paragraph, which of the following would be most appropriate for the town council?

    (A) An analysis of the causes of Winfield's traffic problems
    (B) A brief summary of the key advantages of Plan 2
    (C) A summary of the writer's credentials
    (D) A brief summary of the failures of other administrations to solve Winfield's traffic problems

26. Which revision strengthens sentence 2 (reproduced below)?

The plan seems to have several significant advantages for Winfield.

    (A) The plan has several significant advantages for Winfield.
    (B) The plan we recommend is advantageous for Winfield.
    (C) There seem to be several potential advantages for Winfield in the given plan.
    (D) Several features well suited to Winfield's requirements should be noted in the recommended plan.

27. In context, which is the best way to begin sentence 3 (reproduced below)?

It will get rid of tourists. . .

    (A) (Leave as is)
    (B) The plan will get rid of tourists
    (C) It will reroute drivers who
    (D) It will eradicate drivers who

28. In the context of sentence 3, which version of sentence 4 is best?

    (A) (Leave as is)
    (B) Encouraging tourism is important because the extra income alleviates the residents' tax burdens.
    (C) Moreover, historical towns benefit from tourists, who alleviate the residents' tax burdens.
    (D) Besides, tourists alleviate the tax burdens of the residents of historical towns.

29. Why should sentence 5 be taken out of paragraph II?

    (A) In context, the sentence seems to contradict the writer's argument.
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(1) Upon a review of the proposals submitted, the evidence seems to point to Plan 2 as being the better of the two alternatives.

(2) The plan seems to have several significant advantages for Winfield. (3) It will get rid of tourists who, studies have shown, are simply passing through Winfield on their way to somewhere else, and make the town more attractive to the tourists who do want to be there. (4) This is important because tourism alleviates the residents' tax burdens. (5) A parking garage would easily be the destruction of the historic atmosphere, given that it will be a large concrete structure overshadowing Main Street. (6) Restoring the settlement will serve as an attraction to tourists. (7) Many towns have historic Main Streets, far fewer have sites dating back to the town's origins. (8) Tourists are more likely to seek out these towns. (9) The town would not have to build the parking garage and could invest that money and use the interest to help pay for advertising to draw more people to Winfield, or they could invest in a connection to connect the battlefield with the town, perhaps with a pedestrian bridge over the highway.

(10) Although Plan 1 is quicker, 3 years is not that long a time.

(11) Improving parking won't increase traffic flow as much as if we eliminate the excess traffic, and having buses continually starting and stopping down Main Street could cause as many traffic problems as the cars that park along the street. (12) Also, "No Parking" signs everywhere could also make tourists feel unwelcome.

(13) By diverting traffic away from Main Street the council takes a chance that some tourists who stopped on a whim may pass on by.

(14) The better atmosphere Winfield would promote by reducing traffic and having the museum construct the restoration would make up for the loss in tourism and better achieve the town's goals. (15) Savings resulting from the lower cost of Plan 2 could be reinvested in the town.

30. Disregarding its position in the paragraph, which of the following revisions would make sentence 5 (reproduced below) more concise?

A parking garage would easily be the destruction of the historic atmosphere, given that it will be a large concrete structure overlooking Main Street.

(A) Change "be the destruction of" to "destroy."
(B) Change "given that it will be" to "as."
(C) Change "would easily be" to "would immediately become."
(D) Replace "atmosphere, given that it will be" with "atmosphere, by being."

31. Assuming that sentence 5 has been removed from paragraph 2, which is the best way to handle sentence 6?

(A) (Leave as is)
(B) Combine sentence 6 with sentence 4.
(C) Change "Restoring" to "In addition, restoring."
(D) Change "attraction to tourists" to "attraction."

32. Of the following, which is the best way to combine sentences 7 and 8 (reproduced below)?

Many towns have historic main streets, far fewer have sites dating back to the town's origins. Tourists are more likely to seek out these towns.

(A) Tourists are more likely to seek out original sites, more than historic main streets.
(B) Whereas not all towns have sites dating back to the town's origins, tourists are more likely to visit those that do.
(C) Although historic main streets are appealing, sites dating back to a town's origins are rarer and therefore more likely to attract tourists.
(D) Many towns have historic main streets, far fewer have sites dating back to a town's origins, where tourists are more likely to seek them out.

33. In context, what is the best revision for "they" in sentence 9?

(A) Delete "they."
(B) Change "they" to "it."
(C) Change "they" to "people."
(D) Leave "they" alone, but change "the town" to "city fathers."

34. Which of the following most improves the underlined portion of sentence 9 (reproduced below)?

The town would not have to build the parking garage and could invest that money and use the interest to help pay for advertising to draw more people to Winfield, or they could invest in a connection to connect the battlefield with the town, perhaps with a pedestrian bridge over the highway.

(A) (leave as is)
(B) build a pedestrian bridge between the battlefield and the town
(C) pay for a connection over the highway
(D) allocate funding to more capital expenses

35. Which sentence is best as the first sentence in the third paragraph?

(A) (Leave as is)
(B) The three years required to build a bypass would soon end, and then the town would have a better plan.
(C) Even though Plan 1 would take less time to implement, its overall benefits are insignificant.
(D) Although Plan 1 requires less time than Plan 2, the process of building a bypass ends after only three years, and so one ought to consider in the long term the needs of Winfield.

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(13) By diverting traffic away from Main Street the council takes a chance that some tourists who stopped on a whim may pass on by.

(14) The better atmosphere Winfield would promote by reducing traffic and having the museum construct the restoration would make up for the loss in tourism and better achieve the town's goals. (15) Savings resulting from the lower cost of Plan 2 could be reinvested in the town.

36. Which is the best revision for the underlined portion of sentence 11 (reproduced below)?

Improving parking won't reduce traffic flow as much as if we eliminate the excess traffic. . . .

(A) (leave as is)
(B) our elimination of excess traffic
(C) eliminating excess traffic
(D) improving the excess traffic

37. Which is the best revision for the underlined portion of sentence 11, reproduced below?

Improving parking won't increase traffic flow as much as if we eliminate the excess traffic, and having buses continually starting and stopping down Main street could cause as many traffic problems as the cars that park along the street.

(A) (leave as is)
(B) traffic. In contrast,
(C) traffic; however, having
(D) traffic. Besides,

38. Which of the following is the best revision for the underlined portion of sentence 12?

Also, "No Parking" signs everywhere could also make tourists feel unwelcome.

(A) (Leave as is)
(B) Moreover, "No Parking" signs could
(C) "No Parking" signs everywhere in addition makes
(D) Also, "No Parking" signs will also

39. In context, which is the best sentence to insert before sentence 13 to begin the fourth paragraph?

(A) The second plan does turn out to involve its problems.
(B) The risks to the second plan are such that they might reduce income for some businesses.
(C) The second plan is essentially free of risk.
(D) The disadvantages of the second plan are outweighed by its advantages.

40. Which is the best revision for the underlined portion of sentence 13 (reproduced below)?

By diverting traffic away from Main Street the council takes a chance that some tourists who stopped on a whim may pass on by.

(A) (leave as is)
(B) some tourists who might have stopped on a whim
(C) there are some tourists who stopped on a whim
(D) some tourists who might, however, have stopped on a whim

41. Which of the following changes would help make sentence 14, reproduced below, more precise?

The better atmosphere Winfield would promote by reducing traffic and having the museum construct the restoration would make up for the loss in tourism.

(A) Replace "atmosphere" with "conditions."
(B) Replace "having the museum construct" with "the restoration constructed."
(C) Replace "would make up for" with "restore."
(D) Add "incidental" before "tourism."

42. Which of the following best connects sentence 14 to the sentence before?

(A) Since
(B) However,
(C) In point of fact,
(D) Furthermore,

43. Which is the best location for sentence 15?

(A) Where it is now
(B) After sentence 2
(C) After sentence 10
(D) After sentence 12

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The following draft is reprinted for your convenience in answering the remaining questions.

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(1) Upon a review of the proposals submitted, the evidence seems to point to Plan 2 as being the better of the two alternatives.

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(14) The better atmosphere Winfield would promote by reducing traffic and having the museum construct the restoration would make up for the loss in tourism and better achieve the town's goals. (15) Savings resulting from the lower cost of Plan 2 could be reinvested in the town.

44. Which is the best revision of the underlined portion of sentence 15 (reproduced below)?

Savings <u>resulting from the lower cost of Plan 2</u> could be reinvested in the town.

(A) (leave as is)
(B) because Plan 2 costs less money
(C) of costs in Plan 2
(D) by lowering Plan 2 and its costs

45. If attached to the memorandum as an appendix, which of the following would best help the town council decide between the two plans?

(A) A list of highway construction companies known to do quality work at moderate prices
(B) A graph showing the states estimated population increases over the next decade
(C) A graph showing the percentage of the town's annual budget that is derived from the businesses of Winfield
(D) A chart showing the percentages of drivers on Main Street who are inhabitants, passersby, and tourists

46. Which of the following is a major weakness in this draft of the memorandum?

(A) Evidence to support the case against Plan 1 is lacking.
(B) The draft contains some contradictions.
(C) Some sentences do not seem related to those before or after them.
(D) Technical terms are not defined for those council members who lack an engineering background.

47. Which of the following assertions made in the memorandum is not supported?

(A) The second plan better suits the town's goals.
(B) Tourist spending reduces a town's tax burdens.
(C) A parking garage will not suit the historical atmosphere of the town.
(D) Some visitors to Winfield are just passing through.

48. Which of the following is best as the last sentence of the memorandum?

(A) Members of the town council, the decision is yours.
(B) Despite these minor disadvantages, Winfield will benefit from the positive impact of Plan 2 on property values.
(C) Plan 1 should be abandoned because it does not offer to Winfield that which is provided in Plan 2.
(D) Given that its risks are minor, and in light of its significant advantages, Plan 2 is the best choice.

STOP

IF YOU FINISH BEFORE YOUR TIME IS UP, YOU MAY CHECK YOUR WORK ON THIS SECTION.

Key for Form V

1 - C
2 - B
3 - A
4 - B
5 - B
6 - B
7 - B
8 - C
9 - B
10 - D
11 - B
12 - C
13 - C
14 - B
15 - C
16 - B
17 - B
18 - D
19 - B
20 - D
21 - C
22 - D
23 - D
24 - B
25 - B
26 - A
27 - C
28 - B
29 - C
30 - A
31 - C
32 - C
33 - B
34 - B
35 - C
36 - C
37 - D
38 - B
39 - D
40 - B
41 - D
42 - B
43 - A
44 - A
45 - D
46 - C
47 - B
48 - D

PART I

Form W

Name_____

DIAGNOSTIC WRITING SKILLS TEST

FOR

ENTERING LAW STUDENTS

This section consists of two parts. When you finish the first part, go on to the second.

Draft of Memorandum to the Winfield Town Council

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Questions

1. Of the following, which is the best first sentence for this memorandum?

   (A) (Leave as is)
   (B) Although both plans have advantages, Plan 2 best achieves the council's goal of attracting tourists while reducing congestion on Main Street.
   (C) The town council has asked for a report comparing Plans 1 and 2.
   (D) Plan 2 is best because it will increase town income, reduce taxes, cut traffic volume, bring in tourists who want to see Winfield, permit funds to be re-invested in building renovation, reach completion in a reasonable amount of time, and preserve the town's historical atmosphere.

2. To develop the first paragraph (sentence 1) as an introductory paragraph, which of the following would be most appropriate for the town council?

   (A) An analysis of the causes of Winfield's traffic problems
   (B) A brief summary of the key advantages of Plan 2
   (C) A summary of the writer's credentials
   (D) A brief summary of the failures of other administrations to solve Winfield's traffic problems

3. Which revision strengthens sentence 2 (reproduced below)?

The plan seems to have several significant advantages for Winfield.

   (A) The plan has several significant advantages for Winfield.
   (B) The plan we recommend is advantageous for Winfield.
   (C) There seem to be several potential advantages for Winfield in the given plan.
   (D) Several features well suited to Winfield's requirements should be noted in the recommended plan.

4. In context, which is the best way to begin sentence 3 (reproduced below)?

It will get rid of tourists. . .

   (A) (Leave as is)
   (B) The plan will get rid of tourists
   (C) It will reroute drivers who
   (D) It will eradicate drivers who

5. In the context of sentence 3, which version of sentence 4 is best?

   (A) (Leave as is)
   (B) Encouraging tourism is important because the extra income alleviates the residents' tax burdens.
   (C) Moreover, historical towns benefit from tourists, who alleviate the residents' tax burdens.
   (D) Besides, tourists alleviate the tax burdens of the residents of historical towns.

6. Why should sentence 5 be taken out of paragraph II?

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   (B) The paragraph has too many examples.
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A parking garage would easily be the destruction of the historic atmosphere, given that it will be a large concrete structure overlooking Main Street.

(A) Change "be the destruction of" to "destroy."
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8. Assuming that sentence 5 has been removed from paragraph 2, which is the best way to handle sentence 6?

(A) (Leave as is)
(B) Combine sentence 6 with sentence 4.
(C) Change "Restoring" to "In addition, restoring."
(D) Change "attraction to tourists" to "attraction."

9. Of the following, which is the best way to combine sentences 7 and 8 (reproduced below)?

Many towns have historic main streets, far fewer have sites dating back to the town's origins. Tourists are more likely to seek out these towns.

(A) Tourists are more likely to seek out original sites, more than historic main streets.
(B) Whereas not all towns have sites dating back to the town's origins, tourists are more likely to visit those that do.
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10. In context, what is the best revision for "they" in sentence 9?

(A) Delete "they."
(B) Change "they" to "it."
(C) Change "they" to "people."
(D) Leave "they" alone, but change "the town" to "city fathers."

11. Which of the following most improves the underlined portion of sentence 9 (reproduced below)?

The town would not have to build the parking garage and could invest that money and use the interest to help pay for advertising to draw more people to Winfield, or they could invest in a connection to connect the battlefield with the town, perhaps with a pedestrian bridge over the highway.

(A) (leave as is)
(B) build a pedestrian bridge between the battlefield and the town
(C) pay for a connection over the highway
(D) allocate funding to more capital expenses

12. Which sentence is best as the first sentence in the third paragraph?

(A) (Leave as is)
(B) The three years required to build a bypass would soon end, and then the town would have a better plan.
(C) Even though Plan 1 would take less time to implement, its overall benefits are insignificant.
(D) Although Plan 1 requires less time than Plan 2, the process of building a bypass ends after only three years, and so one ought to consider in the long term the needs of Winfield.

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(B) traffic. In contrast,
(C) traffic; however, having
(D) traffic. Besides,

15. Which of the following is the best revision for the underlined portion of sentence 12?

Also, "No Parking" signs everywhere could also make tourists feel unwelcome.

(A) (Leave as is)
(B) Moreover, "No Parking"signs could
(C) "No Parking" signs everywhere in addition makes
(D) Also, "No Parking" signs will also

16. In context, which is the best sentence to insert before sentence 13 to begin the fourth paragraph?

(A) The second plan does turn out to involve its problems.
(B) The risks to the second plan are such that they might reduce income for some businesses.
(C) The second plan is essentially free of risk.
(D) The disadvantages of the second plan are outweighed by its advantages.

17. Which is the best revision for the underlined portion of sentence 13 (reproduced below)?

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(A) (leave as is)
(B) some tourists who might have stopped on a whim
(C) there are some tourists who stopped on a whim
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18. Which of the following changes would help make sentence 14, reproduced below, more precise?

The better atmosphere Winfield would promote by reducing traffic and having the museum construct the restoration would make up for the loss in tourism.

(A) Replace "atmosphere" with "conditions."
(B) Replace "having the museum construct" with "the restoration constructed."
(C) Replace "would make up for" with "restore."
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19. Which of the following best connects sentence 14 to the sentence before?

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21. Which is the best revision of the underlined portion of sentence 15 (reproduced below)?

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(A) (leave as is)
(B) because Plan 2 costs less money
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22. If attached to the memorandum as an appendix, which of the following would best help the town council decide between the two plans?

(A) A list of highway construction companies known to do quality work at moderate prices
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(A) Evidence to support the case against Plan 1 is lacking.
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(B) Tourist spending reduces a town's tax burdens.
(C) A parking garage will not suit the historical atmosphere of the town.
(D) Some visitors to Winfield are just passing through.

25. Which of the following is best as the last sentence of the memorandum?

(A) Members of the town council, the decision is yours.
(B) Despite these minor disadvantages, Winfield will benefit from the positive impact of Plan 2 on property values.
(C) Plan 1 should be abandoned because it does not offer to Winfield that which is provided in Plan 2.
(D) Given that its risks are minor, and in light of its significant advantages, Plan 2 is the best choice.

STOP

IF YOU FINISH BEFORE YOUR TIME IS UP, YOU MAY CHECK YOUR WORK ON THIS SECTION.

PART II

Directions

A hypothetical dilemma and the first draft of a student essay that proposes a solution to it are given below. After you have read these, select the best answer to each question that follows the essay. Some questions refer to parts or the whole of the essay and ask you to consider organization and development. Other questions are about particular sentences or words and ask you to consider sentence structure and precision.

For each question, consider only the issue or issues the question addresses. Assume everything else in the essay stays the same.

In making your decisions, please follow the usual conventions of written English. After you have chosen your answer, fill in the corresponding oval on your answer sheet.

The Dilemma

Valerie, a graduate student in mathematics, needs a part-time job. She has only two job offers, one tutoring students in math at the University Learning Center (ULC) and one waiting tables in a local restaurant.

The tutoring position would not quite cover her expenses. In addition, the tutoring schedule would force her to postpone some courses she had planned to take this semester. Further, because she would have to work during faculty hours, she would have to schedule special meetings with her professors.

The restaurant, Milano's, would force her to work until after midnight on nights before an important 8:00 a.m. class that she cannot reschedule. Further, if she takes this job, she would have to give up the evening meetings of her study group. Her earnings, however, could cover all expenses.

Valerie must decide between these job offers, keeping the following considerations in mind:

* Valerie wants the income from her job to minimize the money she must borrow for living expenses.
* Valerie wants the job to interfere with her graduate program as little as possible.

The Essay Draft

(1) Upon the limited information provided, the tutoring job would satisfy the two guidelines at hand. (2) My reasoning is as follows.

(3) When Valerie decided to go to graduate school, she committed herself to a career in mathematics. (4) Valerie should choose a job that would keep her focused on mathematics. (5) Suppose that job brings in less income. (6) She could borrow a little money. (7) Tutoring would accomplish this far more than waiting on tables by keeping her schedule and budget under control while she continued to be exposed to mathematics.

(8) Although Valerie might have to take some classes in a later semester, the tutoring schedule allows more time to rest and prepare for class. (9) She can always schedule appointments with professors in lieu of seeing them during their office hours. (10) She wouldn't have to do a job with which she would not be familiar and unsatisfied, since she is a mathematician. (11) By tutoring, Valerie would achieve the practice of teaching techniques that would strengthen her career options later on. (12) The local restaurant isn't a good choice because the long working hours will interfere with her graduate work. (13) Waiting tables is mind numbing work where the only math involved is figuring out whether one made 15 or 20 percent off that last table. (14) The Milano's job schedule will force her to give up her study group. (15) This is a great loss. (16) Professors' office hours are not as valuable as to study with a group of students. (17) A regular study group gives you more help than any other study aid. (18) Also it is possible she may be able to receive extra help from her professors before class or at another time.

(19) The best choice for Valerie is the job offered by the University Learning Center. (20) Although her total pay would usually be greater at Milano's, the weekly pay is good and it doesn't require her to sacrifice her education. (21) The job will help her develop skills she would need as a teacher. (22) Valerie's choice will have great impact on her success in graduate school.

Questions

26. Of the following, which would be the best first sentence for this essay?

    (A) (Leave as is)
    (B) In deciding to go to graduate school, the subject in question committed herself to a profession in mathematics.
    (C) Although neither job is ideal, Valerie's better choice is the tutoring job at the University Learning Center.
    (D) The job at the restaurant has a number of disadvantages in comparison to the job at the University Learning Center.

27. Which of the following should be added to make the first paragraph a better introduction to the essay?

    (A) A short and humorous anecdote about the difficulty of balancing school and a part-time job
    (B) A summary of the considerations Valerie must keep in mind in choosing between the two jobs
    (C) An analysis of the advantages and disadvantages of both jobs
    (D) A summary of the author's credentials

28. Which of the following would be best for sentence 3 (reproduced below)?

When Valerie decided to go to graduate school, she committed herself to a career in mathematics.

    (A) (Leave as is)
    (B) Replace the sentence with one that vehemently condemns restaurant work.
    (C) Find more formal words to replace "decided to go."
    (D) Remove the reference to a particular person.

29. Assuming that sentence 3 has not been changed, which of the following could be added to the beginning of sentence 4 to indicate its relationship to sentence 3?

    (A) Similarly,
    (B) Therefore,
    (C) In short,
    (D) Nonetheless,

30. Of the following, which is the best combination of sentences 5 and 6 (reproduced below)?

Suppose that job brings in less income. She could borrow a little money.

    (A) Suppose that job brings in less income, she could borrow a little money.
    (B) Although that job brings in less income, she could borrow a little money.
    (C) That job might sacrifice income, although she could borrow a little money.
    (D) That job might sacrifice income: she could borrow a little money.

31. What would be the best version of the underlined portion of sentence 7 (reproduced below)?

<u>Tutoring would accomplish this far more than waiting on tables by</u> keeping her schedule and budget under control while she continued to be exposed to mathematics.

    (A) (leave as is)
    (B) Tutoring would help her reach her professional goals by...
    (C) For the following reasons, tutoring is the best work alternative for Valerie in her effort to meet her professional goals: ...
    (D) Tutoring, not waiting on tables, would achieve this by...

32. Why does the author begin sentence 8 with "Although Valerie might have to take some classes in a later semester"?

    (A) To convince the reader to alter his or her opinion.
    (B) To minimize the significance of a disadvantage.
    (C) To encourage the reader to sympathize with Valerie's predicament.
    (D) To contradict a common assumption.

GO ON TO THE NEXT PAGE

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33. Of the following, which is best for beginning sentence 9?

(A) Also,
(B) Until
(C) In addition,
(D) In any case,

34. Which assumption is it most important to defend in order to strengthen the argument in the third paragraph (lines 8 to 18)?

(A) Valerie will not have contact with faculty at the tutoring center.
(B) The professors will be willing to make appointments at other times of the day.
(C) Valerie will need to meet with the professors during the semester.
(D) Appointments with Valerie's professors will provide the same kind of assistance she would have received during office hours.

35. Of the following, which is the best revision of sentence 10 (reproduced below)?

She wouldn't have to do a job with which she would not be familiar and unsatisfied, since she is a mathematician.

(A) She wouldn't have to work at a job that is unfamiliar and unsatisfactory, since she is a mathematician.
(B) As for being a mathematician, she would find waiting on tables to be unfamiliar and unsatisfactory.
(C) She wouldn't have to do a job in which she, as a mathematician, would find herself confusing and dissatisfied.
(D) As a mathematician, she would prefer the more familiar and satisfying tutoring job.

36. Of the following assumptions in sentence 10 (reproduced below), which is not necessarily justified?

She wouldn't have to do a job with which she would not be familiar and unsatisfied, since she is a mathematician.

(A) Valerie would enjoy being a mathematician.
(B) Valerie has never been a table server before.
(C) The Milano's job involves simple mathematics.
(D) Valerie will definitely get the tutoring job if she decides not to work as a table server.

37. Of the following, which is the best approach to the underlined portion of sentence 12 (reproduced below)?

By tutoring, Valerie would achieve the practice of teaching techniques that would be helpful to her later in her career.

(A) (Leave as is)
(B) Replace it with "use, employ, and practice teaching skills."
(C) Replace it with "practice teaching skills."
(D) Replace it with "facilitate mathematical techniques."

38. The sentence that introduces a second topic for its paragraph is which of the following?

(A) 8
(B) 9
(C) 12
(D) 22

39. What assumption is conveyed by the tone of sentence 13 (reproduced below)?

Waiting tables is mind numbing work where the only math involved is figuring out whether one made 15 or 20 percent off that last table.

(A) Waiting on tables is exhausting.
(B) Waiting on tables is menial.
(C) Waiting on tables requires mathematical ability.
(D) Waiting on tables can be lucrative.

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40. Which revision of sentences 14 and 15 is the best solution for the vagueness of sentence 15?

(A) The restaurant's evening hours are disadvantageous, Valerie would have to leave her study group.
(B) The Milano's job schedule would cause her a great loss, which is to give up her study group.
(C) The Milano's job schedule would force her to give up her study group, which would be a great loss.
(D) The Milano's job schedule would be a great loss by forcing her to give up her study group.

41. In context, which is the best way to revise and combine sentences 16 and 17?

(A) Professors' office hours are not as valuable as study groups in giving you more help than any other study aid.
(B) Professors' office hours are valuable, but study groups are even more effective.
(C) While meeting with professors seems to be useful as an aid to one's studying, a regular study group seems to be your most effective study aid.
(D) Professors' office hours are not as valuable as study groups, and a regular study group gives more help.

42. Assuming that sentences 16 and 17 have not been combined, which word in sentence 17 most needs to be changed or omitted?

(A) regular
(B) you
(C) than
(D) study

43. Which is the best revision for the underlined portion of sentence 18?

Also it is possible she may be able to receive extra help from her professors before class or at another time.

(A) On the contrary, it is possible to
(B) Furthermore, it is possible that she may be able to
(C) Also, maybe she can
(D) Moreover, she may be able to

44. Given that sentence 19 begins the concluding paragraph, which of the following is the best revision for sentence 19?

(A) In my opinion, Valerie's most advantageous choice of jobs is the job offered by the University Learning Center.
(B) The best choice for Valerie is the tutoring job, which provides support without seriously interfering with her studies.
(C) The work schedule in the tutoring center will be more convenient than the work schedule in the restaurant.
(D) Upon weighing the relative advantages of each job, it can be determined that the tutoring position would be more rewarding for Valerie in the long run.

45. The concluding paragraph mentions a topic that was introduced in sentence 7 but never explored further in the essay. Which is it?

(A) Valerie's schedule
(B) The advantages of tutoring
(C) The importance of using math at work
(D) Valerie's budget

GO ON TO THE NEXT PAGE

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(22) Valerie's choice will have great impact on her success in graduate school.

46. Which of the following should be done to make sentence 22 a suitable concluding sentence for the essay?

    (A) (Leave as is)
    (B) Change it to "Thus, it has been demonstrated that the most beneficial choice for Valerie can clearly be seen to be the position as tutor."
    (C) Change it to "Given that the tutoring position, though imperfect, is more compatible with Valerie's program, it is her best choice."
    (D) Change it to "There is no rational reason why Valerie should even be tempted by the position as food server."

47. Which of the following revisions would significantly improve the draft?

    (A) Providing examples of other jobs that do not interfere with a student's schoolwork.
    (B) Adding to the concluding paragraph an analysis of the salaries offered by the two jobs.
    (C) Adding to the concluding paragraph the statement that the report has proven what the author set out to prove.
    (D) Comparing the disadvantages of both jobs, organized so that the worse job is discussed last.

48. To improve the third paragraph (lines 8 to 18), which of the following revisions would be best?

    (A) Provide examples to clarify statements made in the paragraph.
    (B) Reverse the order of the second and third paragraphs.
    (C) Remove line 9.
    (D) Start a new paragraph after line 11.

STOP

IF YOU FINISH BEFORE YOUR TIME IS UP, YOU MAY CHECK YOUR WORK ON THIS SECTION.

Key for Form W

1 - B
2 - B
3 - A
4 - C
5 - B
6 - C
7 - A
8 - C
9 - C
10 - B
11 - B
12 - C
13 - C
14 - D
15 - B
16 - D
17 - B
18 - D
19 - B
20 - A
21 - A
22 - D
23 - C
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31 - B
32 - B
33 - C
34 - B
35 - D
36 - B
37 - C
38 - C
39 - B
40 - C
41 - B
42 - B
43 - D
44 - B
45 - D
46 - C
47 - D
48 - D

Diagnostic Writing Skills Test for Entering Law Students
Diagnostic Score Report
Booklet 10774
Form W

PART I			
Question Number	Your Answer	Correct	Percent Correct*
1	D x	B	60%
2	B	B	55%
3	C	A or C	79%
4	C	C	84%
5	B	B	67%
6	C	C	78%
7	B x	A	67%
8	D x	C	53%
9	A x	C	79%
10	A x	B	52%
11	B	B	82%
12	C	C	48%
13	C	C	90%
14	C x	D	67%
15	B	B	86%
16	B x	D	24%
17	D x	B	62%
18	B x	D	37%
19	B	B	79%
20	D x	A or B	62%
21	A	A or C	89%
22	D	D	88%
23	C	C	77%
24	A x	B	52%
25	D	D	87%
PART II			
Question Number	Your Answer	Correct	Percent Correct*
26	C	C	73%
27	A x	B	91%
28	A	A	76%
29	B	B	95%
30	B	B	90%
31	C x	B	57%
32	B	B	94%
33	D x	C	61%
34	D x	B	54%
35	B x	D	88%
36	B	B	73%
37	C	C	67%
38	C	C	69%
39	B	B	93%
40	C	C	77%
41	C	B or C	82%
42	B	B	69%
43	D	D	53%
44	D x	B	48%
45	D	D	51%
46	C	C or D	55%
47	A x	C or D	62%
48	B x	C	55%

*Percentage of examinees who answered question correctly.

SUPERVISOR'S INSTRUCTIONS FOR WRITING TEST ADMINISTRATION

Before the Test Administration:

1. At least a week before the test administration is planned, open the box of materials and check to see that you have sufficient numbers of test booklets, answer sheets, and pencils. Check to make sure that each booklet has an answer sheet inserted and that the form designation (W = 1, or V = 2) on the booklet matches that on the answer sheet. Also check to make sure that the booklet number on the front of the booklet matches the number gridded on the answer sheet. The forms should be in alternating order, generally, but this is not a rigid requirement. Form W begins with "Winfield" and Form V with "Valerie."

2. If there is any problem with the materials, please contact ETS immediately (as indicated at the end of these instructions). If the materials are in order, continue with the remainder of these instructions.

3. Please plan for the test to take from 45 minutes to an hour, depending on the time available at your institution.

During the Test Administration:

(The material in the shaded boxes, below, is to be read aloud to the students. Since different institutions have different amounts of time available, the time allowed to complete the test can vary from 45 to 60 minutes. Fill in the blank for your institution.

1. Before passing out the test booklets and pencils, read the enclosed consent statement aloud.

2. Hand out the test booklets (with the answer sheets inserted) in the order provided. Also hand out the pencils at this time.

3. When students all have test booklets, read the following aloud:

At the top right-hand corner of the test booklet, write your name or an ID number provided by your institution.

After you have written your name or ID number on the test booklet cover, open the test booklet, remove your answer sheet, read the instructions, and answer the questions by filling in the ovals on the answer sheet. Be sure to use the pencil provided and to completely fill in each oval indicating your answer. If you change an answer, be sure to erase the first answer. You will have _____ minutes to complete both parts of the test. When you finish Part I, go directly on to Part II. Ignore instructions at the end of Part I to stop and check your work. Check your work when you have finished both parts. When you have finished both parts, or when time is up, insert your answer sheet into the test booklet and return them to me.

You may begin working now.

After the Test Administration:

4. After you have collected all of the booklets, with answer sheets enclosed, return to your office and record the test booklet numbers and student names (or ID's) on Roster #1 (sample enclosed) or create a similar roster on an electronic file.

5. Complete the Test Administration Questionnaire enclosed.

6. When the roster has been completed, remove the answer sheets from the test booklets and return them to ETS in the Federal Express envelope provided along with the completed Test Administration Questionnaire.

7. Store the test booklets in a safe place. In a few weeks, you will receive two copies of a diagnostic report for each student, one for the student and one for your institution. When you receive the student diagnostic reports from ETS, insert one copy of each report in the test booklet with the same booklet number as the diagnostic report and return the booklet and the report to the student. Retain the second copy of the diagnostic report for your own use.

8. When you receive the roster of first-year students at your institution from Law School Admission Services (LSAS), enter the LSAS ID codes on Roster #1 and on Roster #2 (sample enclosed) or on similar rosters in an electronic file. At the end of the semester (or quarter) enter the writing course grades and overall law school grade averages on Roster #2 and return it to ETS. Please include with Roster #2 an explanation of the grading system used and the method used for computing grade averages.

In case of questions, call one of the following at ETS:

Hunter Breland
Sydell Carlton
Susan Jacobs

Materials should be returned to the following address:

Hunter M. Breland
Educational Testing Service
Mail Stop 12-R
Rosedale Road
Princeton, NJ 08541

FORM W

_____
Student Name or ID

10245

DIAGNOSTIC WRITING SKILLS TEST

FOR

ENTERING LAW STUDENTS

. This section consists of two parts. When you finish the first part, go on to the second.

(Sample Test Booklet Cover)

(Consent Statement)

Dear Law Student:

The Law School Admission Council is sponsoring a study of legal writing in which your law school is participating. The objective of the study is the diagnosis of writing skills of U. S. law students. The results of the study will be used to develop materials for use in the guidance and instruction of future law students.

You will be asked to complete two brief exercises based on writing samples produced by law school applicants as part of the Law School Admission Test. Your completed exercises will be analyzed by the Law School Admission Council, and the results will be used to study the utility of such exercises in guidance and counseling. You will receive a copy of the diagnosis for your completed exercises. Your institution will also receive a copy of your diagnosis to study its possible use in counseling, but the diagnosis will not be used in assigning grades.

If for any reason you do not want to participate in the study, please inform your instructor, registrar, or other law school representative who has requested your participation.

Roster #1: To be Kept at Institution

Booklet Number	Student Name	Institutional ID	LSAC ID

Institution: _____ Time Allowed (minutes): _____

Roster #2: To be Returned to ETS

Booklet Number	LSAC ID	Writing Course Grade	Law School Grade Average

TEST ADMINISTRATION QUESTIONNAIRE

1. Institution: _____ 2. Test Date: _____

3. Number of students tested: _____

4. Total time available for instructions and actual testing: ____ (minutes)

5. Total time used for test instructions: ____ (minutes)

6. Total time used for actual testing: ____ (minutes)

7. Questions asked by students:

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8. Any problems encountered:

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9. General Remarks:

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